New Grad Software Engineer

Tackle difficult problems with rewarding solutions at Stripe

← ROLES AT STRIPE

◉ New York City, Seattle, or San Francisco

🕐 Full time

🖼 Engineering

APPLY NOW

At Stripe, a core part of our engineering culture is inclusiveness: we want to accommodate people from all backgrounds and walks of life. Stripe is for the versatile, the supportive, the impatient, and most of all, the obsessively user focused. You'll be arriving in the first chapter of our story, and you'll be expected to play a lead role in determining how it unfolds.

As a New Grad at Stripe, you'll work on increasingly challenging projects to become an independent, high-impact software engineer. Depending upon the team, the work can focus anywhere on improving our API performance, improving the payment acceptance across the globe, or work to ensure our infrastructure is reliable enough for critical economic infrastructure.

As a company, we believe in end-to-end ownership of projects. For any given project, we have one person on point. While they don't necessarily have to do all the work themselves, it's their job to make sure all the work gets done. We launch betas and prototypes as early as we can. This helps ensure that we're building what users actually want. We contribute back to the community, often by building things we think are cool and by releasing open-source software.

You will:

Work on cross-functional projects, directly collaborating with other engineers

Give meaningful feedback on code reviews and technical designs

Ensure that the systems your team operates continue running well and can scale to meet the needs of our users

Build the skills to own a project from beginning to end, learning project management and technical leadership skills

We're looking for someone with:

A degree in Computer Science or a directly related field by 2021, or equivalent work experience

Experience either in internships, or working collaboratively on multi-person coding projects (in a university or professional setting)

Ability to learn unfamiliar systems and forming an understanding of those systems, through independent research and working with a mentor and subject matter experts

You also likely have:

One or more areas of specialized knowledge in balance with general skills and knowledge, such as knowing more frontend technologies but knowing, at a high level, how a service handles an HTTP request

Experience in code review practices, and an understanding of how to safely update production systems

Familiarity with navigating and managing work in large code bases

Please include these in your application:

A description of your work history (either a resume, LinkedIn Profile, website, or other portfolio of work)

Examples of your relevant work and approach to learning (GitHub, StackOverflow, other projects including open source contributions)

We look forward to hearing from you

APPLY NOW

At Stripe, we're looking for people with passion, grit, and integrity. You're encouraged to apply even if your experience doesn't precisely match the job description. Your skills and passion will stand out—and set you apart—especially if your career has taken some extraordinary twists and turns. At Stripe, we welcome diverse perspectives and people who think rigorously and aren't afraid to challenge assumptions. Join us.

123 My Street
Vancouver, BC V6T 1A1
Canada

August 14, 2020

Stripe
510 Townsend St
San Francisco, CA 94103
United States

Re: Application for New Grad Software Engineer

Dear Hiring Manager:

I have interned as a full-stack software developer and I will be graduating from the University of British Columbia (UBC) with a Bachelor of Computer Science in the spring of 2021. Currently, I am helping to develop the Tapestry Tool, an educational web app, for the Department of Psychology at UBC. We are using JavaScript, Vue, PHP, WordPress, Docker, and Cypress. Previously, as an intern at A.Y. Technologies, a startup business-to-business software-as-a-service (SaaS) company, I built new features and fixed bugs in two web applications and Craver, the flagship mobile application. For each project, I developed React components, managed client-side state with Redux, and modified the RESTful API. In addition, I wrote tests (using Jest, Enzyme, JUnit, and Mockito), and I refactored code to reduce complexity and improve maintainability and readability. As one of eight developers at the company, I participated in Scrum meetings and managed version control with Git, Bitbucket, and Sourcetree. Over the course of my internship, I gained experience working as part of an Agile team and I learned about innumerable technologies. In the fall, I will be interning at Aquatic Informatics, where I will gain further experience. Continually learning excites me and fuels my desire to grow and contribute meaningfully to my team and my community.

As a volunteer with the Code the Change Foundation since September 2018, I have collaborated with other students to build open-source software solutions for nonprofit organizations. During the 2018/2019 academic year, I helped to build a responsive website for UBC Climate Hub. During the 2019/2020 academic year, I led a team of five developers to build a volunteer management web application in React for Aunt Leah's Place, a charity that helps foster children and single mothers. I believe that teamwork and communication are fundamental to success and I have worked hard to develop these skills through my previous work as a writing consultant, a college professor, an ESL teacher, a group facilitator, a tutor, and a mentor. I enjoy collaborating with people, I seek opportunities to contribute, and I am eager to get to work.

I have attached a copy of my resume for your review. I am available to further discuss my suitability for this position at your convenience. Thank you in advance for your time and consideration. I look forward to hearing from you soon.

Yours Respectfully,

Cody Gagnon
(123) 456-7890
my.name@email.com

Encl. Resume

CODY GAGNON

4TH YEAR COMPUTER SCIENCE STUDENT

Driven and professional Software Developer. A former instructor, he loves learning, enjoys solving problems, and views challenges as opportunities to contribute to his team.

TECHNICAL SKILLS

LANGUAGES

Java | JavaScript | TypeScript | C | C++ | C#
Python | PHP | HTML | CSS | SQL

FRAMEWORKS & TECHNOLOGIES

React | React Native | Redux | Node.js
Vue | Unity | MySQL | MongoDB
Material-UI | Semantic UI | WordPress
Docker | Git | GitHub | Bitbucket | Jira

TESTING

JUnit | Mockito | Jest | Enzyme | Mocha
Chai | Cypress

EDUCATION

BACHELOR OF COMPUTER SCIENCE (BCS)
UNIVERSITY OF BRITISH COLUMBIA | 2021

HONOURS BACHELOR OF ARTS (HBA)
UNIVERSITY OF TORONTO | 2013

PROJECTS

EDUCATIONAL MOBILE GAME FOR KIDS

- Worked with five graduate students at the Centre for Digital Media to build a mobile game using C# and Unity.

VOLUNTEER MANAGEMENT WEB APP

- React app that enables (1) volunteers to sign in for shifts and (2) administrators to view and export volunteer data. Using Azure Active Directory for authentication and Azure Functions to connect to a MS SQL Server database.

CONTACT

(123) 456-7890 | MY.NAME@EMAIL.COM
GITHUB.COM/CODYGAGNON
LINKEDIN.COM/IN/GAGNONCODY

EXPERIENCE

FULL-STACK SOFTWARE DEVELOPER JUN 2020 - PRESENT
UBC DEPARTMENT OF PSYCHOLOGY

- Develop and maintain the Tapestry Tool, an educational web app, using JavaScript, Vue, PHP, WordPress, and Docker.
- Fix bugs in the front-end and back-end.
- Write tests using Cypress.
- Practice Agile development, participate in Scrum meetings, and manage version control with Git and GitHub.
- Collaborate remotely using Slack and Zoom

FULL-STACK SOFTWARE DEVELOPER INTERN SEP 2019 - APR 2020
CRAVER SOLUTIONS & A.Y. TECHNOLOGIES

- Developed and maintained robust and performant mobile apps and web apps using JavaScript and Java.
- Built React components and wrote Redux actions and reducers to manage client-side state.
- Extended the RESTful API by adding or modifying endpoints.
- Refactored code to reduce complexity and technical debt while improving maintainability and readability.
- Wrote tests using Jest, Enzyme, JUnit, and Mockito.
- Practiced Agile development, participated in Scrum meetings, and managed version control with Git and Bitbucket.

VOLUNTEER EXPERIENCE

PROJECT LEAD & SOFTWARE DEVELOPER SEP 2018 - PRESENT
CODE THE CHANGE FOUNDATION

- Build websites and web applications for nonprofit organizations.
- Lead a team of five developers, plan sprints, delegate tasks, provide technical help, and offer guidance.
- Communicate with the client regarding project requirements and progress towards goals.

ADDITIONAL EXPERIENCE

WRITING CONSULTANT AUG 2018 - APR 2019
UBC CENTRE FOR WRITING AND SCHOLARLY COMMUNICATION

- Supported a diverse community of students with many types of writing: academic, technical, and professional.

PROFESSOR JAN 2015 - DEC 2016
CENTENNIAL COLLEGE SCHOOL OF BUSINESS

- Taught business software applications, business communications, and financial mathematics in classrooms of up to 40 students.

123 My Street
Vancouver, BC V6T 1A1

August 14, 2020

Patty Kelly, Program Manager
Centre for Writing and Scholarly Communication
University of British Columbia
Irving K. Barber Learning Centre
1961 East Mall
Vancouver, BC V6T 1Z1

Dear Dr. Kelly:

I hope that you are well.

I am applying for new graduate positions starting in May, 2021, and I am writing to ask if you would be comfortable providing me with a strong, positive reference. I believe that your reference would be a valuable addition to my application.

Since I worked as a Writing Consultant at the Centre for Writing and Scholarly Communication (CWSC), I have completed an eight-month internship as a Full-Stack Software Developer at a local, startup company. I am currently working as a Software Developer through the Work Learn program, and I will be starting a four-month internship in the fall. Although writing and software development may be very different from each other, I would not be successful in my current work without the teamwork and communication skills that I developed during my time with the CWSC. My experience at the CWSC – including the readings that you assigned, the guidance that you provided, the opportunity to work with other students, and the weekly staff meetings that you led – has proven to be invaluable.

I have attached my current resume and you can find my LinkedIn profile page here: https://www.linkedin.com/in/gagnoncody/. I am happy to provide you with any other information that you might require.

Please let me know if you can provide me with a strong, positive reference. Please also let me know your preferred contact information. Thank you for your time and your consideration of this request.

Sincerely,

Cody Gagnon
(123) 456-7890
my.name@email.com

Encl. Resume

123 My Street
Vancouver, BC V6T 1A1

August 14, 2020

Elisa Baniassad, Associate Professor of Teaching
Department of Computer Science
University of British Columbia
ICICS/CS Building
329-2366 Main Mall
Vancouver, BC V6T 1Z4

Dear Professor Baniassad:

I hope that you are well.

I am applying for new graduate positions starting in May, 2021, and I am writing to ask if you would be comfortable providing me with a strong, positive reference. I believe that your reference would be a valuable addition to my application.

Since we last spoke, I completed my first eight-month internship as a Full-Stack Software Developer at A.Y. Technologies. Thank you again for serving as a reference for me at this time last year. At A.Y. Technologies, I worked with a JavaScript front-end and a Java back-end, so your courses (CPSC 210 Software Construction and CPSC 310 Introduction to Software Engineering), which introduced me to both these languages, were crucial to my success. In addition, your lessons on the Agile methodology helped me to quickly adapt to working with my team. I am now working as a Software Developer through a Work Learn position, and I will be starting a four-month internship at Aquatic Informatics in the fall. I have enjoyed working as a software developer and I am looking forward to joining a company full-time after graduation.

I have attached my current resume and you can find my LinkedIn profile page here: https://www.linkedin.com/in/gagnoncody/. I am happy to provide you with any other information that you might require.

Please let me know if you can provide me with a strong, positive reference. Please also let me know your preferred contact information. Thank you for your time and your consideration of this request.

Sincerely,

Cody Gagnon
(123) 456-7890
my.name@email.com

Encl. Resume

123 My Street
Vancouver, BC V6T 1A1

August 14, 2020

Amin Yazdani, Director of Technology
A.Y. Technologies
800-525 Seymour St
Vancouver, BC V6B 3H7

Dear Amin:

I hope that you are well.

I am applying for new graduate positions starting in May, 2021, and I am writing to ask if you would be comfortable providing me with a strong, positive reference. I believe that your reference would be a valuable addition to my application.

Since completing my internship as a Full-Stack Software Developer at A.Y. Technologies, I have been working with the Department of Psychology at UBC. My team and I are building an educational web app called the Tapestry Tool using JavaScript, Vue, PHP, Cypress, WordPress, and Docker. In this new position, I have applied many of the lessons that I learned working at A.Y. Technologies. I have also secured a fall internship as a Software Developer at Aquatic Informatics. I am very grateful for the learning opportunities that you provided me at A.Y. Technologies. Your mentorship has proven to be invaluable.

I have attached my current resume and you can find my LinkedIn profile page here: https://www.linkedin.com/in/gagnoncody/. I am happy to provide you with any other information that you might require.

Please let me know if you can provide me with a strong, positive reference. Please also let me know your preferred contact information. Thank you for your time and your consideration of this request.

Sincerely,

Cody Gagnon
(123) 456-7890
my.name@email.com

Encl. Resume

Works Cited

"New Grad Software Engineer." *Stripe*, https://stripe.com/jobs/listing/2021-new-grad-

engineer/2162716. Accessed 12 August 2020.