

ABHINEETH ADIRAJU

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WORK EXPERIENCE

Software Applications Engineer 2 at HP Vancouver

June 2022 – Present

- Responsible for operating a SaaS website catering to 1000+ customers deployed on Azure Kubernetes Service as part of an on-call Platform Engineering team.
- Performed weekly reviews of security, compliance, and vulnerability of the system, always ensuring the system is within the SLA boundaries of 99.99% uptime.
- Contributed to enhancing a CI/CD pipeline that enabled multiple teams of developers to reliably release their code to a production environment.
- Worked on automating customer support processes that improved issue response time by 75%, as well as simplifying/documenting the process to be customer friendly.

Research Programmer at UBC

April 2020 – April 2022

- Developed a holistic extra-credit website using Angular and Django REST Framework adhering to Agile and Scrum development processes, that will be used by 100+ first-year students.
- Supervised a team of 5 developers in creating additional features of the extra-credit website, including training, weekly code review and feedback.

Teaching Assistant at UBC

September 2019 – April 2020

- Supervised two sections of labs for a total of 40+ assignments graded per week. This also included providing individual feedback, and regular invigilation for examinations.

EDUCATION

B.A. Honours Computer Science: University of British Columbia (Avg: 94.8%)

June 2022

- **Awards:** Over \$150,000 total received based on academic excellence through an International Major Entrance Scholarship, the Dean's List for 3 years, and 3 International Student Faculty Awards.

PROJECTS

Educational Video Recommendation System (*Angular, Django*)

September 2021

- Developed a holistic recommendation system that shows students educational videos based on a variety of metrics gathered from the students using a programming practice platform to enhance overall student learning.
- Implemented a variety of alternative algorithms and user metrics to determine the most efficient parameters that would ensure meaningful recommendations.

Bytesized: E-commerce platform (*Express for Node.js, Handlebars*)

August 2021

- Managed a team of four developers to deploy the fully dockerized Express server package onto Google Cloud SQL and Cloud Run, implementing CI/CD workflows to ensure the deployed revision of the project is always up to date with the main codebase

DizzyNaut – Android Game (*C# in Unity, Aseprite*)

February 2020

- Led a team of three in creating an Android game that seamlessly implements native gyroscope functionalities using C# in Unity.

SKILLS

Languages/Tools: Kubernetes, MongoDB, JavaScript/Typescript, Node.js, Express, React, Angular, Django, Handlebars, Bootstrap CSS, Tailwind CSS, SCSS, Java, C++, Python, HTML, MySQL, SQL Server, SQLite, Jasmine, Ruby on Rails, C, C#, XML, PHP, CUDA

Technologies: Kubernetes, Microsoft Azure, Docker, Google Cloud SQL, Git, SAFe, Kanban, Tableau, Figma, Android Studio, Aseprite, Adobe Photoshop, Illustrator