ABHINEETH ADIRAJU

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WORK EXPERIENCE

Software Applications Engineer II @ HP Vancouver   June 2022 – Present
- Operated a large-scale SaaS website catering to 10000+ customers deployed on Azure Kubernetes Service as part of an on-call Platform Engineering team.
- Conducted weekly reviews of security, compliance, and vulnerability of the system, always ensuring the system is within the SLA boundaries of 99.99% uptime.
- Enhanced several CI/CD pipelines that enabled multiple teams of developers to reliably release their code to a production environment, significantly improving feature development efficiency.
- Automated legacy customer support processes that improved incident response time by ~75% and simplified and documented the process to be customer-friendly.

Full-Stack Programmer @ 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 was to be used by 100+ first-year students.
- Increased productivity of unit test generation by ~393% ($55,000 saved in salary costs) by creating a domain-specific open-source JUnit5 Testing library.
- Supervised a team of 5 developers in creating additional features of the extra-credit website, including training, weekly code review and feedback.

Teaching Assistant @ 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
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.

Junit++ Library- Simplifying Unit Test Creation *(Java, Junit5, Judge0)*   September 2021
This library enables the quick creation and modification of unit tests written specifically to validate that student-submitted code meets the requirements of a given introductory programming question.

Bytesized - E-commerce platform *(Express for Node.js, Google Cloud Platform)*   August 2021
A fully dockerized Express server package deployed with 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.

SKILLS

Languages/Frameworks/Tools: Kubernetes, Docker, Microsoft Azure, MongoDB, JavaScript/Typescript, Node.js, Express, Python, REST API, React.js, Next.js, Angular, Django, SASS, Java, C++, SQL, Ruby on Rails, C, C#, PHP, CUDA, Google Cloud SQL, Git, SAFe