Felix Ezama-Vaughan

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EDUCATION

University of Calgary	Calgary, AB
Bachelor of Science in Computer Science, Specialization in Software Engineering	*Sept. 2018 – Nov 2022*

EXPERIENCE

Full-Stack Developer — Jan. 2023 – Present
HV Logic Ltd. — *Calgary, AB*
- Develop and maintain proprietary business management software using React, NodeJS and MongoDB
- Establish and manage Linux-based development and production infrastructure, ensuring robust and efficient operational pipelines
- Collaborate with mid to high-level management and cross-functional teams to implement seamless solutions
- Implement coding standards and code quality assurance processes, leading to higher-quality software
- Conduct research to identify and address gaps in existing software, resulting in significant knowledge acquisition

Backend Developer — May 2022 – Nov. 2022
Reach Ltd. — *Calgary, AB*
- Contributed to the design, development, testing, and maintenance of microservices and API gateways using Java Spring Boot in a Linux environment
- Developed efficient scripts in Bash and Python to streamline team workflow and increase productivity
- Created innovative asynchronous notification handling components for a WooCommerce payment plugin in PHP
- Wrote comprehensive tests using JUnit, Mockito, RestAssured, and MockServer, which significantly improved code maintainability, reliability, and coverage
- Developed an internal service for API testing, which reduced technical debt and financial strain on the company

Backend Developer — Sept. 2021 – May 2022
University of Calgary (Capstone) — *Calgary, AB*
- Worked on a distributed team to build legal software for Software Engineering concentration with React, Node.js MySQL, Docker, and Redis in a Linux environment
- Containerized the solution using docker for easy development and deployment
- Participated in iterative requirements gathering and project scoping
- Wrote official user and programmer documentation for the product

PROJECTS

FasterXML Jackson-databind | *Java, JUnit, Javadoc, Maven* — Oct. 2022 - Nov. 2022
- Implemented a procedure to parse JSON entities to Java objects with accompanying JUnit tests
- Wrote and published accompanying Java documentation for implemented changes
- Opened a pull request which was successfully merged into the main repository, providing code to be used by 1M+ applications worldwide

MMA API | *Node.js, Express, Docker, MongoDB, AWS* — Dec. 2021 – Jan. 2022
- Developed a web scraper in Node.js to obtain, parse, clean and store statistics on past and present MMA fighters
- Created an accompanying REST API in Express to allow for the programmatic retrieval of the data
- Containerized the application for ease of deployment
- Deployed the service using an AWS EC2 instance

OneApp | *HTML, CSS, Javascript, Django, Bootstrap, Postgresql* — Sept. 2020 – May 2021
- Led a team of fellow undergrads as a project manager
- Built a web application to handle and centralize web notifications from different online platforms, receiving second place at the yearly showcase
- Deployed the solution on the web using the Heroku cloud application platform

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, PHP, HTML/CSS
Frameworks: React, Node.js, Spring Boot, Flask, JUnit, Mockito, Django, Material-UI, Bootstrap
Developer Tools: Git, Docker, Redis, MongoDB, AWS, VS Code, IntelliJ, Maven, Gradle, npm
Libraries: Express, FasterXML, Mongoose, MUI