

SUMMARY

Software Engineer with 3 years of experience in full stack development with JavaScript, Python, AWS, and enthusiasm for AI/ML.

EDUCATION

Master of Science in Computer Science, California State University, *Sacramento, CA* *Jan 2022-May 2024*

GPA: 3.7

Bachelor of Science in Mathematics, Emmanuel University, *Franklin Springs, GA* *Aug 2016-May 2020*

Cum Laude

SKILLS

Programming Skills: Python, TypeScript, JavaScript, Java, HTML, CSS

Frameworks: NodeJS, Django, React, Redux, Next.js, Angular, Spring Boot, Pytest, JUnit, Mockito, Jest, Selenium

Databases: GraphQL, SQL, NoSQL, PostgreSQL, MongoDB

Cloud and Infrastructure: AWS, Amazon S3, CI/CD, Docker, Git, Linux, Distributed Systems

Leadership: Startup Founder, Team Management, Mentor, Spanish (Native), English (Fluent)

WORK EXPERIENCE

Co-Founder and Software Engineer Full Stack, WhereEV, Sacramento, CA *Jan 2023–Present*

Tech Stack: AWS, JavaScript, React Native, Node.js, MongoDB, Docker, Android, IOS

- Reduced server downtime and improved scalability by 25% through microservices architecture learning new technologies like Node.js, MongoDB, Docker, and AWS.
- Automated horizontal scaling to handle multiple requests and mitigate failure risks by containerizing tasks, increasing vCPU and memory computation with up to 8 tasks.
- Developed 10+ RESTful APIs for authentication, data fetching, and geolocation, using Node.js and MongoDB, writing unit tests in Jest for a React Native frontend.
- Leveraged communication skills with active listening during customer interviews, identifying key needs and translating insights into solutions that boosted product usability and satisfaction.

Software Engineer Web Development, University Enterprises Inc., Sacramento, CA *May 2022-Present*

Tech Stack: React, JavaScript, Gatsby, WordPress API, Python, Selenium

- Collaborated with stakeholders to reduce content editing time by 85%, implementing an easy-to-use content management system with WordPress and GraphQL.
- Increased platform traffic to 15,000+ daily users by partnering with the design team to merge three websites into an interactive and responsive site using JavaScript, React Gatsby, HTML, and CSS.
- Automated the migration of 1,000+ business report files by building a Python and Selenium pipeline, ensuring seamless data continuity through systems integration and data structure analysis.
- Improve loading times by 20% on the client site by strategizing and designing the data schema for 20+ custom fields and GraphQL.
- Demonstrated a flexible approach to software development by adapting to new programming languages and methodologies.

Mobile Applications Developer Intern, Lanaccess, Barcelona, Spain *Jun 2023–Aug 2023*

Tech Stack: TypeScript, Ionic, Angular

- Reduced the Software Development Lifecycle by 50% by developing reusable components for a cross-platform mobile app on iOS and Android using Ionic, Angular, and TypeScript.
- Optimized app loading time and search functionality for 5,000 users by combining TypeScript with innovative algorithms and data structures.
- Incorporated a motivated approach to problem-solving, resulting in efficient debugging and optimized code for various software projects.

PROJECTS

Generative AI Chat and Large Language Models Stack: Python, Open AI, Langchain [Github](#)

- Developed a chatbot leveraging LangChain NLP and Google Docs to extract key information and schedule client meetings, enhancing scheduling efficiency by 90% through advanced vector embedding techniques and significantly reducing errors.

G-Code 3-D Printing Software Test Engineer Stack: Python, Pytest, Flask [Github](#)

- Architected custom simulation software for testing G-Code commands, potentially saving \$10,000+ in hardware and materials. Implemented automatic and manual testing with white and black box testing with 90% code test coverage, ensuring thorough performance, stress, unit, and regression testing.