Enrique Alcacer

Sacramento, CA 95605 •
enrique.alcacer@gmail.com • 706.373.0930 • LinkedIn: https://www.linkedin.com/in/enriqueao/ •
Github: https://github.com/eralcacer • Portfolio: https://enriquealcacer.com

Software Engineer | Full Stack Engineer | Backend Engineer

Experienced Software Engineer with a strong background in microservices, cloud infrastructure, and API development, enhancing scalability and performance using AWS, Node.js, and React.

SKILLS

Programming Language: TypeScript, JavaScript, Java, Python
Frameworks: React, Next.js, Node.js, React Native, Ionic, Angular, Gatsby, Spring Boot, JUnit, Jest
Developer Tools: Amazon Web Services, Docker, Git, MongoDB, SQL, NoSQL, PostgreSQL, Linux
Others: HTML5, CSS, OpenAI API, Figma, Spanish

PROFESSIONAL EXPERIENCE

Co-Founder and Software Engineer Fullstack, WhereEV, Sacramento, CA   *Jan 2023–Dec 2023*
Tech Stack: AWS, JavaScript, React Native, Node.js, MongoDB, Docker

- Implemented a microservices architecture with Node.js, MongoDB, Docker, and AWS, resulting in a 25% reduction in server downtime and a 20% increase in system scalability.
- Assembled 10+ RESTful APIs for authentication, data fetching, and geolocation services using Node.js and MongoDB, with a React Native frontend and unit tests with Jest.
- Designed cloud infrastructure with a Load Balancer to distribute traffic across services, optimizing resource utilization for 100s daily requests.
- Automated horizontal scaling of container tasks to increase vCPU and memory computation, handling multiple simultaneous requests and mitigating Single Points of Failure, with up to 8 tasks per service.

Mobile App Developer Intern, Lanacess, Barcelona, Spain   *Jun 2023–Aug 2023*
Tech Stack: TypeScript, Ionic, Angular

- Developed a cross-platform surveillance monitoring app for both cloud and on-premise use with Ionic and Angular, creating reusable components that reduced the software development lifecycle by 50%.
- Improved menu generation and search functionality with industry-standard coding practices, reducing app loading time by 20% and accelerating search by 30% for 20,000 active users.
- Addressed software changes for 5+ engineers, with quality assurance and code review using Agile Methodology and Git distributed version control to develop and maintain features at a fast pace.

Software Engineer Frontend, University Enterprises Inc., Sacramento, CA   *May 2022-Present*
Tech Stack: React, JavaScript, Gatsby, WordPress API

- Partnered with product managers to restructure a multi-page web app into a single-page design using JavaScript and React, reducing content editing time by 85%.
- Optimized brand cohesion by merging three organization websites, increasing customer engagement by 15%, resulting in 15,000+ daily active users.
- Authored comprehensive feature and content integration documentation for 15 administrators.

PROJECTS

Generative AI and NLP   Stack: Python, Open AI API, LangChain, Google Drive API   **Apr 2024-May 2024**

- Developed a chatbot using LangChain and Google Docs to extract information from files with hundreds of events and find available meeting times for clients.
- Implemented vector embedding techniques, improving scheduling efficiency by extracting 90% more context from text and reducing scheduling errors.
- Applied information retrieval technique using RAG, leading to 95% accuracy in meeting date extraction.

EDUCATION

Master of Science in Computer Science, California State University of *Sacramento, CA*   *May 2024*
Bachelor of Science in Mathematics, Emmanuel University**,** *Franklin Springs, GA*   *May 2020*