

Shane Rice

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Professional Summary

Dynamic software engineer and technical product manager with 8+ years of experience in full-stack development, ERP solutions, and AI-driven applications. Proven expertise in developing scalable solutions, managing cross-functional teams, and streamlining workflows to deliver innovative software products. Adept at leveraging agile methodologies to drive efficiency and achieve business goals.

Skills

Programming Languages: JavaScript (React, Node.js, Next.js), Typescript, Python, SQL
Frameworks & Tools: Express, FastAPI, Strapi, Tailwind CSS, Sequelize, GraphQL, SQLAlchemy
Databases: PostgreSQL, MongoDB, PL SQL
DevOps & Cloud: AWS, Docker, Vercel, Heroku
Other Expertise: OpenAI APIs, ERP Systems (Sage 100, Oracle EBS)
Project Management: Agile Methodologies, Jira, Linear, Sprint Planning, Backlog Grooming

Experience

AE Studio

May 2021 – Nov 2024

Software Engineer & Technical Product Manager

Santa Monica, CA

- Led the development of full-stack applications for clients in diverse industries, employing agile methodologies to streamline workflows.
- Defined project goals and translated business requirements into actionable development tasks, collaborating with engineers and designers.
- Managed and developed ELT process in FastAPI to get advertising campaign data from multiple sources and save into a unified data format for a custom-built reporting solution using class abstraction and AWS lambdas
- Developed full-stack web applications with the team and collaborated in code reviews.
- **Reduced project timelines and costs by 20%** through process optimization and team collaboration.
- Developed full-stack web applications using React, Next.js, Node.js, Python, and Tailwind for diverse clients.
- Built scalable APIs and integrated cloud-based solutions using AWS, Heroku and Vercel.
- Developed the front end and backend logic for real time pricing adjustments to electric vehicle chargers around the country using React, GraphQL, and AWS lambdas.
- Designed and implemented database schemas with PostgreSQL and MongoDB **to optimize query performance with increases up to 300%**.
- Collaborated with technical and non-technical teams to ensure seamless deployment and maintenance of applications.
- Created and maintained documentation for technical and product information regarding the projects.

C3 Business Solutions

August 2019 – May 2021

Software Engineer

Santa Ana, CA

- Built web-based business applications tailored for Oracle EBS clients, optimizing efficiency in quality control and reporting.
- Automated order import software to easily add sales orders to the system, **which saved approximately 200 hours of labor over a single year.**
- Optimize SQL queries for faster run times for management reporting.
- Provide React development for internal project management.
- Consult clients and determine the best solution for their needs and budget.

Crescent Software

June 2015 – August 2019

Lead Software Engineer

Signal Hill, CA

- Provided lot tracking development to allow for food producers to manage all inventory effectively.

- Provide frontend development for client's quality control application of produced goods. **Has resulted in users saving time by approximately 20% compared to original entry.**
- Created dashboards for management to view current Orders and the picking process on the warehouse floor.
- Developed Handheld Scanner software to allow users to pick orders and ship inventory without the need of a desktop computer.

Projects

- **Anxiety Simulator (Next.js, OpenAI):** AI-powered tool to foster empathy by simulating the emotional impact of conversations on someone with Anxiety.
- **Ticket Artisan (Next.js, OpenAI):** Automated ticket creation tool for product managers, featured on "There is an AI for That."
- **Meditation Station (Flutter):** Android app with local and remote content storage for guided meditation experiences.
- **PayCircle (Flutter, MERN):** OCR-enabled app for receipt scanning and expense sharing.
- **A/C Automation (Django, Raspberry Pi):** IoT solution for controlling an A/C unit over Wi-Fi.

Education

California State University of Long Beach
Bachelor's Business Information Systems

August 2012 – December 2016
Long Beach, CA

Achievements

- Featured on "There is an AI for That" for innovative software projects.
- Delivered 20% time-saving solutions across multiple client projects.