Joshua Ow
Software Engineer

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CAREER SUMMARY

Experience	2 years as a Software Engineer across freelance and contract roles.
Skill Highlight	Hands-on experience building REST APIs, cloud infrastructure, and full-stack features for web-based products.
Tech Skills	Java, JavaScript, SQL, HTML/CSS, Spring Boot, React, PostgreSQL, Tailwind, AWS

PROFESSIONAL EXPERIENCE

STAT Analytics
Dallas, TX

Software Engineer (Contract - Projects Complete - Ongoing Maintenance) *05/2023 – Current*

Technologies: Java, Spring Boot, TypeScript, React, SQL, PostgreSQL, Tailwind CSS, Git
- Executed 6+ projects as part of a 2-person team, providing solutions to serve 9,400+ users.
- Developed and maintained 20+ REST APIs using Java/Spring Boot, integrating React frontends with PostgreSQL databases containing 5+ tables.
- Created self-service documentation site to help users better understand product features and workflows, reducing support tickets and improving onboarding across affiliated products.

Save On Prop Firms
Dallas, TX

Software Engineer (Freelance - Recurring Feature Development) *11/2023 – Current*

Technologies: Next.js, JavaScript, Contentful CMS, Tailwind CSS, Git
- Launched a greenfield affiliate marketing site, scaling from zero to 2.8K unique visitors through SEO optimization, Next.js architecture, and CMS-driven content.
- Achieved a 90+ Lighthouse score across performance, accessibility, and SEO, boosting visibility and improving user retention, resulting in an average visit duration of 5:22 and a bounce rate of 9.94%.
- Built 16 Contentful models and a scalable Next.js architecture for dynamic content delivery.

Primoris T&D
Dallas-Fort Worth, TX

Safety Manager *09/2019 - Current*

- Led monthly safety training and collaborated with field supervisors to identify risks, improve safety protocols, and implement preventative measures that reduced incidents company-wide.

PROJECTS

BattleOptions
contest.stratalerts.com

Technologies: Java, Spring Boot, React, TypeScript, PostgreSQL, Spring Data JPA, Hibernate, JUnit, Mockito, Tailwind CSS, AWS RDS, Elastic Beanstalk, EC2, GitHub Actions
- Trading contest application with a user base of 560+ registered users with 10,000+ monthly visits.
- Achieved 100% automation of a previously manual spreadsheet-based competition, eliminating 7-10 hours of weekly operational tasks.
- Oversaw the processing of 4200+ contest entries to date, maintaining a steady flow of 60+ weekly entries across a year-round competition, driving consistent user engagement.
- Implemented API integrations with cron jobs running every 5 minutes during stock market hours to maintain real-time leaderboard updates, ensuring data accuracy and user satisfaction.
- Obtained a 7% conversion rate from contest participants exploring and purchasing the company's paid products, contributing to overall revenue growth.

Service Contractor Booking App
github.com/booking-app

Technologies: Java, Spring Boot, Spring Data JPA, Hibernate, Junit, Mockito, PostgreSQL, AWS RDS, EC2, EB, GH Actions, Swagger API Docs, OpenAI API, Google oAuth, Google Calendar API
- Selected from 600+ applicants for a competitive software engineering cohort, collaborating remotely on a 6-week full stack application MVP.
- Delivered 70+ PRs completing 50+ user stories tracked via GitHub Projects.
- Owned backend infrastructure setup: provisioned AWS RDS (PostgreSQL), deployed server to AWS Elastic Beanstalk, and configured CI/CD pipelines using GitHub Actions.