SEAN RILEY HAWKINS

SOFTWARE ENGINEER

CONTACT

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https://github.com/rileyhawk1417

SKILLS

Languages: Dart, JavaScript, TypeScript

Databases: MySQL/Aurora, DynamoDB, PostgreSQL,MongoDB

Frameworks & Tools: Node.js, Next.js, React, Flutter, TailwindCSS

Cloud & Infra: AWS (Amplify, Lambda, ECS), Docker, Git, CI/CD pipelines

Testing: Jest, Cypress

LANGUAGES

English

PROFILE

Backend-focused engineer with hands-on experience stabilizing and scaling production systems under real-world constraints. Skilled in designing APIs, managing relational and non-relational databases, and deploying services in cloud environments. Strong record of refactoring legacy codebases, implementing testing pipelines, and balancing technical debt with product delivery needs.

EXPERIENCE

Safari Culture — Contract Software Engineer 2023 – 2026

- Refactored and stabilized a large Next.js (12 → 15) monolith, resolving hydration errors and integrating backend services more reliably.
- Optimized database performance by working across DynamoDB and MySQL/Aurora, identifying bottlenecks, implementing read replicas, and weighing scale vs. simplicity trade-offs.
- Designed and integrated AI-powered features into production workflows, handling prompt orchestration, API reliability, and backend safeguards.
- Implemented CI/CD pipelines with AWS Amplify and Docker; improved deployment reliability and streamlined secrets management.
- Introduced Jest unit tests and Cypress integration tests, boosting confidence in a legacy codebase.
- Balanced urgent feature delivery with long-term migration planning, ensuring system stability while managing technical debt.
- Provided on-call production support, diagnosing and resolving live system issues to maintain uptime and service reliability under real-world constraints.

EDUCATION

Software Engineering Student
ALX Africa   2023 - 2024

Diploma Management in Information Systems
Trust Academy   2020 - 2022

RECENT PROJECTS

AppFlowy Contributions

Open-source Project   https://github.com/AppFlowy-io/AppFlowy

Contributions

- Introduced dark mode to the app. Which helped users who strictly preferred dark mode. — PR #185

- Implemented android VSCode workflow, to enhance Android development. This simplified development executions instead of manually writing commands to trigger actions — PR #912

- Introduced unit tests for the editor service and the toolbar menu, to improve testing coverage in the codebase. — PR #1331 & #1006