Elijah Samuels

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GitHub | Website | LinkedIn

FULLSTACK SOFTWARE ENGINEER

Experienced software engineer with expertise in JavaScript, React/Redux, and Node/Express. Proven track record of delivering scalable, secure, and innovative solutions that align with business goals. Strong leadership in fostering collaboration and problem-solving within cross-functional teams.

TECHNICAL SKILLS

JavaScript (ES6), Node/Express, TypeScript, React, Redux, D3.js, HTML, CSS, Material-UI, Ruby on Rails (RoR), SQL, Postgresql, MongoDB, API, REST, SOAP, XML, GitHub, GitLab, Linux, UML, Jest, Cypress, AWS, Terraform, Styra/OPA

AWARDS & ACHIEVEMENTS

Phishing Stories Competition (Social Engineering Village) - The Wizard Award   DEF CON 33 (2025)
- Awarded for crafting the most technically convincing and sophisticated phishing simulation.
- Applied offensive security knowledge to inform more robust defensive software development practices.

EXPERIENCE

CoBank   Denver, CO
Fullstack Software Engineer   November 2024 - Current
- Built and developed APIs between micro-services to facilitate ~$150B money movement.
- Developed, integrated, and validated OPA policies with Styra for attribute-based (ABAC) and JWT-based API security.
- Enhanced API logging and metrics in Splunk, building dashboards and alerts for improved observability and debugging.
- Automated AWS RDS authentication and environment management using AWS Secrets Manager.
- Managed database migrations with Flyway for reliable, repeatable schema changes.
- Enhanced Github CI/CD pipelines with automated integration and unit testing.

Charter Communications (Spectrum)   Denver, CO
Software Engineer III   August 2022 - November 2024
- Developed API contracts and endpoints in Node/Express
- Created sequence diagrams and additional documentation for interacting with other internal teams
- Led and integrated A/B experimentation project to help product owners make data driven decisions, further improve of analytics, and create marketing opportunities
- Helped reduce team AWS cost from ~$200k to ~$14k annually by helping scale down AuroraDB instances and improving database query performance
- Led architecture and development of a scalable SMS marketing system that increased national engagement
- Lead team through multiple production releases, team agile ceremonies and presentations to stakeholders
- Added automated accessibility reporting, e2e testing and integration testing via Gitlab pipelines
- Paired and mentored junior developers

PureSoul Presents   USA
Developer   September 2021 - May 2022
- Custom CRM built with React/Redux, RoR & Postgres database via AWS
- Organized 200+ musicians throughout USA

Diamond Empire Band/International Artists League   Midwestern USA
Musician & Event Producer   2013 - 2024
- Generated over $1.5M in gross revenue (2019) through coordinating over 300 events
- Organized 1,000+ musicians throughout the mid-western region (NM, UT, CO, KS, MO, NE, AR)

Apple   Cupertino, CA
Content Manager   November 2007 - April 2009
- Increased team efficiency and accuracy by incorporating AppleScript macros to automate data entry
- Software and hardware technician for 30+ person team

EDUCATION

Flatiron School   Denver, CO
Full Stack Software Engineer   November 2020 - April 2021

University of Denver   Denver, CO
Masters of Music (Jazz Composition & Arranging)   May 2013

University of San Francisco   San Francisco, CA
Bachelors of Music (Music Education)   May 2007