

Simon Cheek | Software Engineer

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, SQL, Python, C, C++

Frontend: React, Next.js, HTML, CSS, Bootstrap, Flutter

Backend: Spring Boot, Node.js, Express

Database & Storage: PostgreSQL, MySQL, MongoDB, DynamoDB, Redis

DevOps & CI/CD: AWS (EC2, S3, Lambda, API Gateway), Docker, GitHub Actions, JUnit, Jest, Cypress

WORK EXPERIENCE

Software Engineer II

April 2025 - Present

FamilySearch

Lehi, UT

- Develop and maintain **Spring Boot microservices** for vendor contracts, payment processing, and file storage
- Build **PostgreSQL** persistence layers to support data storage for millions of patrons and vendors
- Reinforce performant applications using Redis caching and SQS
- Automate Production and Beta environment synchronization, allowing for efficient end to end testing
- Maintain excellent code quality and test coverage for dozens of repositories with over **90% test coverage**

Web Development Intern

May 2024 - April 2025

FamilySearch

Lehi, UT

- Developed internal **React TypeScript** framework used by 10+ engineering teams
- Implemented **WCAG** standards with semantic HTML, ARIA roles, and keyboard navigation
- Optimized **Node / Express** bot redirection system, handling **10M+ requests/month**
- Enhanced AWS-powered dashboards to track GitHub repository statuses (**API Gateway, Lambda**)
- Architected and developed user bandwidth calculation algorithm to customize user experience

Student Web Developer

Nov 2023 - May 2024

BYU School of Music

Provo, UT

- Managed internal video & audio streaming system for **1,000+ users** using JQuery / Javascript
- Optimized concert data collection & file storage (500+ events) using 3rd party **Node middleware**
- Debugged & enhanced website UI using HTML, CSS, JavaScript, and Chrome DevTools

EDUCATION

Georgia Institute of Technology

Atlanta, Georgia

Master's in Computer Science (Online)

Incoming (Fall 2025 - 28)

Brigham Young University

Provo, Utah

BM Music Composition | CS Minor

Magna Cum Laude

Vice President: BYU Developer's Club

April 2025

PROJECTS - <https://github.com/Simon-Cheek>

Stock Simulator | Next.js, React Typescript, Github Actions, Docker, AWS

January 2024

Recipes API | Java, Spring Boot, MySQL, JPA

November 2024

Car Scraper / Analyst | Python, GraphQL, Numpy, Linear Regression

June 2024