

Mohammad Ra'uf Naser Al Batayneh

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SUMMARY

Junior Software Engineer and Full-Stack Developer with hands-on project experience building applications in JavaScript, TypeScript, React, and Node.js. Currently pursuing a Master of Science in Computer Science at City University of Seattle. Comfortable working across the stack, from REST APIs and databases to responsive front-end interfaces, with a strong focus on writing clean, tested code.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL

Frameworks & Libraries: React, Next.js, Node.js, Express, Prisma

Databases: MongoDB, SQLite

Tools: Git, GitHub, Vite, VS Code

Other: HTML5, CSS3, Tailwind CSS, REST APIs

PROJECTS

OrgFlow — Full-Stack Team & Project Management Platform *Academic Full-Stack Project*

- Built a role-based team, project, and task management platform with a Node.js/Express REST API, MongoDB, and a React front end, including Kanban-style task boards and organization-level access control.
- Designed and implemented authentication and role-based access control to manage user permissions across teams and projects.
- Added a retrieval-augmented (RAG) document-search feature that lets users ask questions against uploaded files, using an embeddings-based retrieval pipeline built on a self-hosted Ollama model.
- Validated authentication, authorization, and core application workflows through automated testing and quality assurance.

STUDENT_OS — Full-Stack Student Productivity App *Personal Academic Project*

- Developed a Next.js and TypeScript application combining task management, note-taking, flashcards, quizzes, habit tracking, and finance tracking behind a single user account.
- Designed the data layer with the Prisma ORM and SQLite, enforcing that every user can only read or modify their own records.
- Built a pluggable AI-assistant layer that can call OpenAI's API or a locally-run model to help generate study plans and summaries, with a graceful fallback when no provider is configured.
- Improved application security by reviewing data-access patterns and implementing safer server-side handling of sensitive configuration data.

js-interview-forge — Interactive JavaScript Interview Prep Tool *Personal Frontend Project*

- Built a React and TypeScript single-page application that turns JavaScript study material into flashcards, timed mock interviews, and coding/debugging exercises.
- Designed a content-processing pipeline that converts source study content into structured, typed data used throughout the app.
- Implemented progress tracking and a weighted scoring system to highlight a user's weaker topics, with state persisted locally in the browser.
- Covered the application with 118 automated tests and enforced strict TypeScript settings throughout.

EDUCATION

Master of Science in Computer Science — City University of Seattle, Seattle, WA

Expected December 2026 | GPA: 3.9/4.0

Bachelor of Software Engineering — Al Ain University, Abu Dhabi, UAE

Graduated June 2024