DANIEL HAMAM

SOFTWARE ENGINEER

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EDUCATION

Stony Brook University: B.S. Computer Science (May 2021) · Honors College Diploma · 3.60 GPA · Cum Laude
Certifications: AWS Certified Cloud Practitioner

SKILLS

Frontend: React.js Next.js Angular.js Tailwind TypeScript JavaScript HTML Redux BootStrap Tailwind
Backend: Spring Boot PostgreSQL MongoDB DynamoDB Express.js AWS SQL Supabase Flask Firebase
Tools, Libraries & Software: Git Jenkins Docker Salesforce JFrog BlazeMeter Kubernetes Cypress Figma

EXPERIENCE

Scholastic
SOFTWARE ENGINEER · FULL TIME

January 2022 - Present
New York City, New York

- Implemented Spring Boot microservices with PostgreSQL to power teacher and admin dashboards, earning recognition as the 2023 CODiE Award winner for Best Administrative Solution in Education Technology.
- Designed a real-time data pipeline using AWS Kinesis, Lambda, S3, and Apache Flink, ensuring data flow from student products to our data warehouse with latency below one second.
- Led the development of the Student Grouping Tool service, creating an advanced algorithm to intelligently group students within the platform based on interests, skills, and reading scores.
- Spearheaded implementation of a cloud-based voice integration to automate data capture for Book Fair Consultants that supported Scholastic's largest business unit, the Book Fairs Salesforce team.

Ultra Pain Products
SOFTWARE ENGINEER LEAD · CONTRACT

August 2024 - January 2025
Remote

- Served as the tech lead for a small team to build a healthcare item order portal using Next.js, Supabase, and Vercel, with advanced features including dynamic customer pricing, seamless order tracking, an optimized shopping cart experience, and an automated email service for user notifications on critical updates.
- Drove a Kanban agile workflow with weekly syncs to align on UI design and technical progress for timely delivery.

Paragon Data Labs
SOFTWARE ENGINEER · FULL TIME

July 2021 - January 2022
Remote

- Partnered closely with the CTO to develop Spring Boot services for Compliance Administration and Tracking (CAT), a cloud-based React application acquired for its success in streamlining employee compliance for financial firms.
- Engineered optimized SQL queries and implemented Java-side caching, driving a performance increase of over 50%.

City of Yonkers
SOFTWARE ENGINEER · INTERN

May 2018 - August 2018
Yonkers, New York

- Partook in back-end management of accounts registered to the city website's database.
- Completed a project to facilitate the switching of Java versions to ease developers' use of legacy programs.
- Designed a technical solution to digitize the city's paper records for efficient document management.

To learn more, please visit my portfolio website: hamam.dev