Nasih Mohamed Nazeem

Software Engineer with 3 years of experience in full-stack development and architectural design.
Deep understanding in React, React Native, Java, Python, and SQL. A lifelong learner passionate about building mobile apps and websites.

✉ nasihnazeem@gmail.com 📞 (403) 700-7883 in linkedin.com/in/nasihnazeem ⌥ github.com/NasihNazeem

Work Experience

Rookies **March 2025 – Present**
CoFounder and Software Engineer

- Composed a cross-platform fantasy sports app with **React Native, Tailwind**, and **Firebase**, featuring real-time player data and gameplay.
- Integrated an API sync with **Firestore** and **Google Cloud Functions** to provide continuous data updates and responsive app performance.
- **Developed custom algorithmic systems** (Elo matchmaking) demonstrating ability to create complex, performant solutions for enterprise-scale user engagement.
- Built production-grade caching layer using **Redis**, reducing API response times by 65% and enabling real-time data synchronization across distributed systems.
- Designed full app and cloud infrastructure and implemented **CI/CD** using **Expo Application Services** for scalable, automated deployment.

Publicis Sapient **June 2022 – August 2022**
Software Engineering Intern

- Developed a financial mobile application using **Spring Boot** microservices, **React Native**, **PostgreSQL**, and **GraphQL**.
- Engineered the development environment using the **Expo** application to handle developing **Android** and **iOS**.
- Optimized API response time by 37% through **GraphQL** integration, enhancing database querying and application performance.
- Delivered a award-winning solution in a company hackathon, achieving a 93% client satisfaction score.

Skills

Languages: JavaScript / TypeScript, SQL, C / C++, Java, C#, Python, Rust (learning), HTML/CSS, Bash, PHP.
Frameworks: Spring Boot, .NET, React.js, React Native, Node.js, Angular, Vue.js, Redux, Mobx, Express.js, Google Cloud Functions, Hadoop/Apache Spark.
Databases: PostgreSQL, MySQL, Microsoft SQL Server, Firebase, MongoDB.
Tools: Amazon Web Services, Git, Jira/Atlassian, Docker, Postman, REST APIs, GraphQL, Jest, xUnit, JUnit, Microsoft Office.
Personal: Strong analytical and organizational abilities, proactive self-starter, creative problem solving approach, effective team collaborator.

Education

University of Calgary **September 2019 – November 2023**
Bachelor's Degree in Electrical Engineering (BSc) | Minor in Computer Engineering **Calgary, Canada**

Projects

Chirp | *React, Redux, Node.js, PostgreSQL, Material UI, Render* **January 2023 - March 2025**

- Developed a scalable chat interface using **React**, **TypeScript**, and **Redux Toolkit**, enabling real-time messaging.
- Integrated user authentication via **JWT session management**, securing access for over 100+ sessions during testing.
- Engineered state management using Redux for messages, posts, and user data, improving app performance by over 40%.
- Collaborated on **CI/CD** automation using **GitHub Actions**, reducing deployment time by 60% and streamlining testing workflows during active development phases.
- Deployed all infrastructure onto **Render**, hosting the **Node.js** backend, **React** frontend and **PostgreSQL** database.

Luuqad | *React Native, Node.js, Expo, PostgreSQL, TypeScript* **December 2023 - February 2025**

- Designed a full-stack ed-tech mobile application using **React Native**, **PostgreSQL**, **Node.js** and **Expo** capable of handling more than 100 active users.
- Deployed **GitHub Actions** to handle unit testing, and all **CI/CD** tooling for branch protection and quality code review.
- Implemented secure user authentication with Google and Apple sign-in, enabling seamless onboarding and protecting user access.

Certifications

IBM - Full Stack Software Developer Specialization **November 2023 – April 2024**

- Introduction to **Cloud Computing**
- Developing **AI Applications** with **Python** and **Flask**
- Introduction to **Containers** with **Docker**, **Kubernetes**, and **OpenShift**
- Application Development Using **Microservices** and **Serverless**
- Full Stack Application Development Capstone Project