

Ariq Serazi

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Software Engineer | Full-Stack

Full-stack Software Engineer with experience building cross-platform apps for mobile and web using Flutter, backed by scalable backend systems. Skilled in Node.js, AWS, and PostgreSQL, with a focus on clean UI, real-time data sync, and maintainable architecture.

PROFESSIONAL EXPERIENCE

Software Engineer | TidaMed, Remote

Dec 2024 – Present

- Designed and implemented responsive Flutter UI components that followed modern UI/UX best practices, ensuring consistent visual hierarchy, accessibility, and smooth user interactions across iOS and Android.
- Engineered a custom Node.js + Express API that powers all payment logic, enabling real-time communication between the backend and frontend.
- Designed seamless in-app payment experiences by integrating PayPal's REST API and Stripe Checkout, ensuring transactions are authenticated, confirmed, and fail-safe.
- Technology Used: Flutter, Dart, Javascript, AWS Lambda, Express, Node.js, Postgres

Software Engineer | Quran With Maryam/Maryam & Fatima LLC, Remote

Oct 2024 – Present

- Built mobile UI components in Flutter for iOS and Android based on Figma designs, focusing on clean layout, responsiveness, and accessibility
- Migrated a slow deployment pipeline to a Lambda-based architecture using AWS Lambda, reducing deployment time by over 65% and making debugging easier with isolated, testable serverless functions
- Developed core app features backed by Javascript, AWS Lambda API Gateway, and DynamoDB, enabling scalable, low-maintenance backend infrastructure.
- Collaborated with product, design, and backend teams in an Agile environment to ensure consistent delivery of business-critical features.
- Technology Used: Flutter, Dart, AWS Lambda, DynamoDB

Personal Project | Photo Album

- Utilized object oriented programming principles in Java to port a JavaFX-based photo management system to Android via Android Studio, delivering a native mobile app with a polished UI and driving a 40% increase in mobile user engagement
- Designed and implemented album management and slideshow viewing features enabling seamless organization, browsing, and auto-play of photo collections and boosting user satisfaction scores by 35%
- Implemented SGML backed tag management to add and delete person and location metadata, yielding a 25% reduction in tag-processing errors and streamlining structured categorization
- Developed a high-performance search engine for retrieving photos by tag-value pairs, improving query speed by 50% and enhancing search accuracy by 20% across large datasets
- Technology Used: Java, Android Studio, SGML

EDUCATION

Rutgers University

New Brunswick, NJ

B.S. in Computer Science; GPA: 3.85/4.0

May 2024

Relevant Coursework: Discrete Structures I & II, Computer Architecture, Data Structures, Algorithms, Software Methodology, Systems Programming, Data Management, Data science, Internet Technology, Artificial Intelligence

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Python, Dart, HTML, CSS

Database: SQL, DynamoDB, Postgres

Software/Tools: AWS, Git/GitHub, Node.js, Flutter, Figma, IntelliJ, Visual Studio Code, Android Studio, Spring Boot