

# Ariq Serazi

<https://ariqserazi.github.io/> | 732-853-6773 | [ariq.serazi1@gmail.com](mailto:ariq.serazi1@gmail.com) | [www.linkedin.com/in/ariq-serazi](https://www.linkedin.com/in/ariq-serazi) | Piscataway NJ

## 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 | Trackwise, [github.com/ariqserazi/personal\\_expense\\_tracker](https://github.com/ariqserazi/personal_expense_tracker)

- Integrated gRPC to enable high-performance, reliable client-server communication, streamlining data synchronization between the application and backend systems
- Designed and optimized a PostgreSQL database to ensure efficient storage and rapid retrieval of user data and activity records, supporting seamless app functionality
- Implemented interactive bar and pie charts to visualize user expenses by category and time period, and developed a dynamic expense list feature that displays detailed records of all user transactions
- Developed a Python automation script to generate gRPC service definitions and client/server stubs directly from the backend schema, eliminating manual boilerplate and accelerating development workflows
- Leveraged Dart's grpc package in the Flutter front-end alongside a Python-based gRPC server to establish seamless, high-performance RPC communication
- Technology Used: Dart, Python, Postgres

## 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