Labeeb Alam

lalam@bu.edu • (617)-233-0328 • Boston, MA • https://github.com/L-alam • www.linkedin.com/in/labeeb-alam-7baa3b277

EDUCATION:

Boston University, College of Arts and Sciences *December 2025*
Bachelor of Science, Computer Science
Coursework: Algorithms, Data Structures, Object Oriented Programming, Theory of Computation, Software Engineering, Functional Programming, Mathematics of Data Science, Database Systems, Artificial Intelligence, Distributed Systems, Mobile App Dev.
Languages: Python, Java, TypeScript, Kotlin, SQL, GoLang, HTML, Javascript, CSS, C, Haskell, Assembly
Frameworks/Tools: Django, React Native, Expo, Pandas, Git, React.js, MongoDB, Dynatrace, Jira, Confluence, Docker, Elastic,

WORK EXPERIENCE:

Work Authorization - US Citizen

Hyundai Autoever America - SWE Intern *(June 2024 - September 2024)*

- Managed and resolved over 100+ support tickets for Hyundai BlueLink, Kia Connect, and Genesis Intelligent Assistant using Jira, SQL, Elastic, and Siebel, achieving a 90% resolution rate within 24 hours.
- Designed and implemented a dynamic dashboard using Django and Jira API for administrators. Providing visibility into weekly issue resolution rates for a streamlined approach to tracking and addressing support tickets.
- Reduced manual processing time by 50% by automating VIN validation system for 5,000+ vehicles across Canadian markets, while ensuring 100% compliance with industry standards
- Worked with monitoring team using Dynatrace and Elastic to learn system health assessments and procedures

Senator Ed Markey: Equity in Federal Budget Earmarking Processes *(February 2024 - June 2024)*

- Led team of 6 Analyzing $2.5M in federal earmark allocations using Python, SQL, and geospatial analysis
- Developed an automated tracking system for real-time monitoring of CDS requests and visualized equity impacts by processing census data, surveys, and 300+ project locations using Pandas, pygeo, and Google Earth API.
- Acted as the primary point of contact for stakeholders. Delivered actionable policy recommendations to Sen. Ed Markey's office for future earmark allocation strategies using a tableau dashboard with data visualizations

Titan Technologies ltd. - Student Intern *(September 2023- November 2023)*

- Developed a full stack prototype using Django framework and Node.js, allowing laid off workers to directly communicate with future employers in an efficient manner.
- Designed and implemented user authentication workflows and clean UI/UX, providing technical foundation for potential future development initiatives

PROJECTS:

Amongyall (Party Game App) | *React Native, Typescript, Supabase, Stripe API, OpenAI API*

- Developed scalable mobile game using React Native with Expo framework, featuring three distinct game modes with dynamic player management and customizable user elements
- Integrated comprehensive backend infrastructure with Supabase for real-time database management and user authentication, Stripe SDK for secure payment processing, Google Auth for seamless user onboarding, OpenAI for AI game features, and Google AdMob for optimized ad placement and revenue generation
- Conducted extensive testing with 20+ beta users for gameplay optimization, and successfully deployed application to iOS App Store with production-ready CI/CD pipeline

Momentum (Productivity Mobile App) | *Kotlin, SQL, Google Maps/Calendar API, Exercise DB*

- Engineered an Android application for habit tracking functions with Kotlin and Room DB. Automated physical activity tracking for enhanced user experience
- Designed cross-device synchronization between smartphones and Wear OS smartwatches

MapReduce & RAFT | *Golang*

- Reverse engineered and implemented the RAFT Consensus Algorithm in Go to simulate fault tolerance of replicating data in real world distributed systems.
- Recreated the MapReduce programming model in Go capable of processing hundreds of gigabytes of data.