

Anas Amin

anasamin.com

EDUCATION

FAST NUCES | Bachelor of Science in Computer Science (CS Honors)

August 2018 - May 2022

Relevant Courses: Operating Systems, Data Structures, Database Management, Design of Algorithms, Web Development

SKILLS

Programming Languages	Java, JavaScript, HTML, C++, Python
Software/Frameworks	Spring Boot, MVC, Microservices, Git, REST, Vue, React
Databases	MongoDB, MySQL

WORK EXPERIENCE

Loxvo, Software Engineer

January 2024 - Present

- Developed a real-time, event-driven time series system using **MongoDB** change streams and **Java Spring Boot**, resulting in a 30% increase in data accuracy.
- Developed dashboards using **Vue.js** and **highcharts.js** with custom features, 40% increase in user engaging.
- Implemented confidence voting for PI boards to improve the overall agile process enhancing interaction between teams.

i2c Inc, Software Engineer

January 2023 - January 2024

- Developed modules such as Card Inquiries and Transaction Inquiries using **Java Spring Boot** for a Customer Representative Application to streamline customer support and improve service efficiency.
- Implemented CSRF validation to prevent vulnerabilities, **JWT** authentication to authorize requests, frontend and backend validations to mitigate XSS attacks, and a filter to allow only POST requests, resulting in a 40% increase in security.
- Implemented customizable alerts for card-level management using **Java** and an integrated push scheduler, achieving a 20% improvement in monitoring efficiency.

i2c Inc, Associate Software Engineer

July 2022 - January 2023

- Integrated Plaid with account services, improving data security by 45% during credit card transactions.
- Optimized transaction processing times by implementing asynchronous **Java services**, reducing response times by 25% and improving customer experience.
- Collaborated with data science teams to integrate a machine learning-based fraud detection model, allowing real-time transaction monitoring and reducing fraudulent activity by 20%.

Projects

Finamily | JavaScript, Java, REST APIs, MongoDB

December 2023

- Developed a comprehensive expense tracking feature using **Java Spring Boot** that allows users to categorize and log daily spending, providing insights into their financial habits.
- Implemented goal-setting functionalities enabling users to establish financial targets, track progress, and receive alerts when approaching budget limits, facilitating effective family budget management.

The Audio Shop | React, Sanity.io, Stripe API, HTML, CSS

December 2023

- Built an audio product e-commerce platform using **React** and Sanity.io for easy content management.
- Integrated Stripe for secure payments and added simple navigation and product filtering options.

Leadership

FAST NUCES, Event Lead for Design, Drama Fest and Creative Society

June 2021 - June 2022

- Led design teams for the Drama Fest & directed operations for SOFTEC, Lahore's premier software event, facilitating connections between students and industry leaders.