ANMOL KUMAR JAISING

Boston, MA | 585-727-9103 | jaisinganmol@gmail.com
linkedin.com/in/anmoljaising| jaisinganmol.github.io/anmoljaising.github.io

SUMMARY

Backend-focused Software Engineer with 5+ years of experience designing scalable, cloud-native systems and migrating legacy platforms to modern microservices. Passionate about building efficient, high-impact backend solutions using Java, Spring Boot, and cloud technologies (Azure/AWS). Known for cross-functional collaboration, improving system performance, and mentoring developers.

TECHNICAL SKILLS

Languages & Scripting: Java, C#, Python, JavaScript, HTML5, CSS, MySQL, MS-SQL, NoSQL, GraphQL, JSON
Frameworks & Libraries: Spring Boot, ASP.NET MVC, Microsoft .NET Core, ReactJS, AngularJS, jQuery, JSoup, JUnit, Selenium, Sitecore, Glass Mapper, Apache Solr, Elasticsearch, Kafka, Weka
APIs & Protocols: RESTful APIs, GraphQL APIs, OpenAPI Specification v3, MockServer API, Bearer Token Authentication
Databases & Data Tools: MySQL, MS-SQL, MongoDB, MongoHub
Cloud & DevOps: Azure, AWS, Azure Functions, Azure Service Bus, Docker, Jenkins, Prometheus, Grafana, AWS CloudWatch, SNS Alerts
Tools & IDEs: Visual Studio, NetBeans, PyCharm, Git, Bitbucket, SourceTree, JIRA
Skills: Communication, Organizational, Presentation Skills, Problem Solving, Self-Motivated, Collaborative, Communication

PROFESSIONAL EXPERIENCE

Athenahealth, Inc., Member of Technical Staff, Boston, MA   **Dec 2023 - June 2024**
- Designed and implemented a **scalable microservices architecture** on **Azure**, integrating **REST APIs** with **Azure Service Bus** and **Azure Functions**, delivering **a 25%** reduction in infrastructure costs and improved system performance.
- Reduced **GraphQL** service downtime by 25% through proactive monitoring with **AWS CloudWatch**, **Prometheus**, **Grafana**, and **SNS alerts**, leading to faster *incident detection* and *resolution.*
- Designed a streamlined workflow system for **Pre-admission** and **Procedure Reasons for Visit**, reducing onboarding time by **40%** and improving process management for healthcare providers.

Athenahealth, Inc., Associate Member of Technical Staff, Boston, MA   **June 2022 - Dec 2023**
- Led the migration of critical features from a **Perl-based legacy** system to a **Java-based architecture**, reducing system **downtime** by **20%** and improving overall **system stability**.
- Developed a **Java-based scaffolding** tool to automate project module generation, reducing project setup time by **50%** and enabling faster delivery of milestones.
- Created a **MockServer API** tool that removed server dependencies, accelerating **development cycle** time by **25%** and minimizing delays caused by server downtime.
- Established and enforced code review processes, leading to a **30%** reduction in production defects and fewer support tickets.
- Mentored **10+ interns** through structured knowledge-sharing sessions and hands-on troubleshooting guidance, resulting in a 40% decrease in support queries and a 25% improvement in dev velocity.

Rochester Institute of Technology, Software Developer Co-op, Rochester, NY   **Sept 2021 - Dec 2021**
- Collaborated on the design & development of a student-created university payment portal for the service department, improving payment processing capabilities & user experience.
- Played a key role in developing, deploying, & maintaining software solutions using **Java, Angular** & **Spring Boot**, ensuring high system performance & timely resolution of issues.

Copart, Inc., Software Engineering Intern, Dallas, TX   **June 2021 - Dec 2021**
- Engineered secure, end-to-end web applications for Copart's Auto Program using **Java, Spring Boot, Kafka,** and **Apache Solr**, enhancing user responsiveness and security, optimizing user experience for millions of customers.
- Built a proof-of-concept application leveraging **KStreams** to transform events and triggers into **KTables** and **GlobalKTables**, driving an **80%** improvement in business performance through real-time data processing.

Rochester Institute of Technology, Undergraduate Teaching Assistant, Rochester, NY   **Aug 2020 - Dec 2021**
- Mentored and coached over 50 students in **foundational Python programming** and **data structures**, cultivating confidence and skill in technical problem-solving among first-time programmers.
- Designed, developed, and deployed a web application for creating, uploading, and grading assignments using **Java, HTML, CSS, JavaScript,** and **MySQL**, streamlining academic workflows and improving efficiency for educators and students

GeekHive, Full Stack Engineering Intern, Warwick, NY   **Jan 2020 - Apr 2020**

- Designed and implemented a **Sitecore-based carousel application** for the **American Society of Hematology (ASH),** improving user experience with a faster and more reliable report search system and doubling client traffic within 2 months by
- Optimized application performance by **75%** by integrating **Apache Solr** and **Elasticsearch** with **MongoDB** for real-time indexing and search over **500+** reports after migrating data from **MySQL** using **MongoHub**.

Accenture Solutions Private Ltd, Application Development Associate, Mumbai, India **Nov 2016 - Jun 2018**
- Designed and implemented a custom automation tool using **C#, ASP.NET MVC,** and **SQL,** streamlining test data extraction and report generation, resulting in an **85%** improvement in reporting efficiency and eliminating manual effort.
- Authored backend test scripts in **C#** within the **Test Automation Center (TAC)**, enhancing test coverage and significantly boosting product reliability.
- Developed a **proof-of-concept MVP** for an automation suite on **Accenture's Duck Creek Platform (ADAP)**, validating feasibility and accelerating innovation within the QA workflow.
- Mentored **5+ new hires**, leading technical training and project onboarding efforts to ensure seamless knowledge transfer and higher team productivity.

PROJECTS

Spring Boot ChatGPT API Integration | Java, Spring Boot, REST API, OpenAI API, JSON, Maven **Feb 2025**
- Developed a **ChatGPT-powered chatbot API** using **Spring Boot**, enabling real-time conversational responses with sub-500ms latency via **asynchronous API calls**.
- Designed a modular controller-service architecture with **DTOs** for **structured request/response** handling, enhancing maintainability and scalability.
- Secured **API** communication with **Bearer Token** authentication and implemented request/response logging for *debugging, monitoring,* and *future optimizations*.

Mocker API | Java, MockServer API, OpenAPI **Jan 2024**
- Utilized **MockServer API and Java** to create a mock server, enabling developers to test and simulate API responses without running a real-time server, significantly improving development efficiency.
- Incorporated **match, no-match actions** with supporting **HTTP status codes** and enriched the tool with **OpenAPI v3 Specification** by implementing a **request-response matching** algorithm, ensuring accurate and efficient **API testing**.

Scaffolding Tool| Java **Dec 2023**
- Created a **Maven-based** command-line **Scaffolding** tool using **Java** to dynamically generate a set of files forming the basic project structure. This tool enabled developers to rapidly create working models, boosting productivity by **30%.**
- Designed functionality to generate new modules from a module repository and integrate them into existing repositories based on module names and user-provided resources, streamlining development workflows and reducing setup time.

Book Catalog| C#, Microsoft .NET Core, MVC, HTML, CSS, JavaScript, jQuery **Nov 2022**
- Designed and developed a **C# application** using the **Microsoft .NET Core framework** which reads a **JSON** file displaying its content as a catalog.
- Incorporated **filtering, searching, sorting,** and **pagination** on custom attributes.
- A book review feature where reviews can be added, stored in local storage, and retrieved on the same button click using JavaScript.

Spider Web-Crawler| Java**,** JSoup, Maven **Aug 2021**
- Developed an end-to-end web crawler using **Java** and **JSoup** to extract and index data from website URLs, completing the project in **50% less time** than the original deadline.
- Enhanced performance by implementing **multithreading**, enabling simultaneous crawling of URLs at any depth, which **boosted efficiency by 85%**.

EDUCATION

Rochester Institute of Technology, *M.S. Computer Science (Scholar with Recognition), GPA – 3.6/4.0* **Aug 2018 - May 2022**
University of Mumbai, *B.E. Electronics and Telecommunications Engineering, GPA – 7.75/10.0* **May 2016**