

MOULYA G

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SUMMARY

Software Engineer with over 2 years of hands-on experience in developing scalable backend systems and responsive front-end interfaces. Skilled in Java, Spring Boot, Angular, and JavaScript, with a strong focus on performance optimization and real-time data processing in distributed environments. Adept at delivering robust, maintainable solutions that power enterprise-grade applications

SKILLS

Frontend development - Angular, React JS, HTML, CSS, Javascript

Backend development - Java, Spring Boot, Microservices, REST APIs, C, PostgreSQL

Tools - Git, Github

EDUCATION

Dayananda Sagar Academy of Technology and Management

Bachelor of Engineering, CGPA: 8.57

2023

EXPERIENCE

SUBEX

Software Engineer

Jul 2023 - Present

- Engineered backend components for an application monitoring dashboard using **Java** and **Spring Boot**, enabling real-time performance visibility and telemetry tracking.
- Contributed to **Java version migration from Java 17 to 21**, reducing processing latency by **20%** and leveraging modern language features for scalability.
- Built a dynamic typeahead Component in Angular with real-time API-driven suggestions across 100+ fields, reducing manual errors by 30% and enhancing user workflows.
- Developed a frontend feature in **Angular** to restrict process execution on user-defined holidays, improving system reliability during non-working hours.
- Developed a feature using **Java, Apache Spark, and SQL** to **identify and alert when unusual patterns** or threshold violations repeat within short time intervals, helping detect potential fraud or misuse in real time.
- Collaborated with the team to implement a logic that tracked and evaluated repeated condition breaches over time, enabling smarter automated decisions using accurate streaming data, leveraging **Java, Apache Spark** (Structured Streaming).

SUBEX

Software Engineer Intern

Feb 2023 - Jul 2023

- Resolved critical bugs in an Angular-based product, improving functionality and ensuring a seamless experience for over 10K daily users.
- Worked on merge mapper functions, streamlining data transformation processes and reducing code maintenance overhead by 15%.
- Collaborated with cross-functional teams to refactor and optimize existing code, resulting in 30% faster application performance and improved codebase organization.

ACHIEVEMENTS

- Awarded for timely delivery and impactful contribution ([LINK](#)) - Subex
- Collaborated in a cross-functional team during the Namma Yatri Challenge to create innovative solutions for real-time urban mobility issues - Dsatm

PROJECTS

- TIC TAC TOE** - Built an interactive Tic-Tac-Toe game where players choose any board size (3×3, 4×4, 5×5, ...) before each match, the win-checking algorithm dynamically adapts to the selected grid. Technologies used: Javascript, HTML5 and CSS
- WEATHER APP** - Built and implemented a cutting-edge Weather app, delivering real-time weather updates tailored to specific locations. Technologies used: React JS