HARSHITHA NOOLI

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EDUCATION

Indiana University Bloomington   **Bloomington, INDIANA**
Masters(MS) in Computer Science CGPA: 3.75/4   *August 2023 - May 2025*
Coursework: Applied Algorithms, Software Engineering, Engineering Cloud Computing, Computer Networks, Advanced Data Concepts, Database Design, Security For Networked Systems.

Jawaharlal Nehru Technological University   **Hyderabad, INDIA**
Bachelors of Technology in Computer Science and Engineering CGPA: 9.85/10   *July 2017 – July 2021*
Coursework: Operating System, Database Management Systems, Design and Analysis Of Algorithms, Data Structures, Object Oriented Programming, Web Technologies, Software Engineering.

TECHNICAL SKILLS

Proficient in: Java, Python, Javascript, HTML/CSS, React JS, Spring Boot, Micronaut, RESTful APIs, Oracle, MySQL, PostgreSQL, MongoDB

Others: C/C++, Postman, Git, Linux, JIRA

Familiar with: Graph QL, Docker, Jenkins, Amazon Web Services (AWS), Android Studio, Kafka, Apache Ignite, Apache Maven
Interests: Software Development, Full Stack, Back-end development, Front-end development.

EXPERIENCE

Credit Suisse , INDIA   **July 2021 - July 2023**

Technology Analyst (Java, SpringBoot, React JS, Micronaut, SQL, Oracle, REST API, GraphQL, Git, GitLab, Jenkins, Bitbucket)

- Spearheaded the Deputy Management project by implementing **new features** with **Micronaut Framework** in **Java** and **React JS**, resolving bugs, **deploying code to production** and enhancing application efficiency by **15**%.
- Coordinated with **cross-functional teams** to successfully migrate a project from **Java 11** to **Java 17**, ensuring seamless functionality.
- Developed new UI Screens for the Client Lifecycle Management Applications - Contact Details and Enhanced Client Periodic Review, utilized **Yup** for **validating Javascript field** data.
- Engineered a **microservices-based application** with **Maven** as **build tool,** to generate regulatory reports by processing millions of real-time trade data, significantly improving report generation time.
- Developed and optimized data storage solutions by orchestrating a **caching solution** with **Apache Ignite**, reducing data access time from **5 minutes to 2 milliseconds.**
- Created a result comparison application for data reports, automating processes and saving **3 hours** of daily manual intervention.
- Enhanced code quality by implementing a **test-driven development** approach, increasing code coverage from **10% to 65%**.
- Implemented comprehensive logging with **Log4j**, enhancing the system's robustness and facilitating **effective monitoring** and **error handling** and **debugging**.
- Collaborated with **cross-functional teams** to gather **requirements**, conducted **code reviews**, and ensured adherence to industry best practices and coding standards, contributing to the overall quality and maintainability of the codebase.
- Involved in all the phases of **SDLC** including Requirements Collection, Design and Analysis of the Customer Specifications and Developing of the Application.

Credit Suisse, INDIA   **May 2020 - November 2020**

Technology Analyst Intern (Java, SpringBoot, Python, React JS, Rasa Conversational AI tool)

- Developed a **chatbot application** to address business user queries regarding trade reporting decisions, cutting query resolution time from **30 minutes to 2 minutes** and enhancing user satisfaction.
- Contributed to microservice application development, by coding **Rest APIs** in **SpringBoot**. Utilized **JPA, Hibernate Frameworks, H2** in-memory database and **Oracle, Sybase databases**.
- Operated in an Agile environment which included **sprint planning**, **daily stand-up**, **Jira tickets**, **retrospectives**, **reviews**, and **documentation**.

ACHIEVEMENTS

- Awarded the **Rising Star Award** 2021 in Credit Suisse India IT Annual Awards for exceptional performance.
- Ranked among the **top 1%** of test attendees in the NPTEL Programming in Java.