HARSHITHA NOOLI

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EDUCATION

Indiana University Bloomington   **August 2023 - Expected May 2025**
Master of Science in Computer Science, CGPA : 3.82/4.0   Bloomington, IN
Coursework: Applied Algorithms, Software Engineering, Engineering Cloud Computing, Computer Networks

Jawaharlal Nehru Technological University   **July 2017 - July 2021**
Bachelors of Technology in Computer Science and Engineering, CGPA : 9.85/10.0   Hyderabad, India
Coursework: Data Structures, Operating System, Object Oriented Programming, Database Management Systems

TECHNICAL SKILLS

Languages/Frameworks: Java, Python, JavaScript, TypeScript, HTML, CSS, Spring Boot, Micronaut, React, Node.js
Databases: Oracle, MySQL, PostgreSQL, MongoDB
Tools/Technologies: Git, AWS, Linux, Jenkins, RestAPI, GraphQL, Apache Maven, Ignite, Kafka, JIRA

EXPERIENCE

GlobalNOC REN-ISAC | Software Engineer Student Intern - SOC   **October 2024 - Present**
Python, Flask, HTML, Bootstrap CSS, IntelMQ, PostgreSQL   *Bloomington, IN*

- Developed a secure web application using **Flask**, **HTML**, **Bootstrap CSS** and **PostgreSQL** for efficient data management.
- Implemented python scripts with IntelMQ for automating repetitive processes, resolved errors in the codebase.

Credit Suisse | Software Engineer   **July 2021 - July 2023**
Java, Spring Boot, Kafka, Maven, Javascript, React, SQL, JUnit, REST API   *Pune, India*

- Spearheaded the Deputy Management project by developing new features, resolving bugs, deploying code to production and enhancing system efficiency by **15**%.
- Coordinated with cross-functional teams to successfully migrate a project from **Java 11** to **Java 17**, ensuring seamless functionality.
- Developed **microservices-based applications** using **Spring Boot**, **Micronaut**, **Apache Maven** and **Apache Kafka** optimizing data flow for real-time trade data processing.
- Developed new user interfaces for the Client Lifecycle Management Project using **ReactJS**, orchestrated **REST API's** and **GraphQL** for efficient information exchange.
- Followed test driven development using **JUnit**, **Mockito**, improved code quality, test coverage from **10%** to **60%**.
- Optimized application performance by implementing 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, reduced manual intervention by **3 hours** daily.
- Involved in all phases of **SDLC**, including requirements gathering, design, development, and testing, followed **Agile** methodology, practiced **CI/CD** for streamlined deployment.

Credit Suisse | Software Engineer Intern   **May 2020 - November 2020**
Java, Spring Boot, React, Python, Oracle, SQL, Rasa AI   *Pune, India*

- Built a chatbot using **SpringBoot**, **React**, **Rasa AI** and **Python** to resolve trade reporting queries, cutting query resolution time from **30 minutes** to **2 minutes.**
- Developed an automated application for generating and emailing data reports on the processed trade data.

ACHIEVEMENTS

- Recognized with the Rising Star Award for exceptional performance at Credit Suisse India IT Annual Awards.
- Ranked in the top 1% of test attendees in the NPTEL Programming in Java Certification.