Harshith Godishala

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EDUCATION

M.S. Computer Software Engineering (Specialization in Cybersecurity)   Expected Dec 2023
Arizona State University, Tempe, AZ   3.82 GPA

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, C/C++
Web Technologies, Frameworks and Libraries: ReactJS, TypeScript, NodeJS, ExpressJS, JUnit/TestNG, Maven/Gradle, JSF, jQuery, Ajax, HTML, CSS.
Concepts: Data Structures, PRNGs and randomness, Secure hash functions(MD5, SHA3), Diffie- Hellman.
Database Technologies: MySQL, SQL, MongoDB, PostgreSQL.
Tools and Methodologies: DevOps, Docker, AWS, Git, Agile, Kanban, Scrum, XP, Visual Studio, Microservice Architecture.

PROFESSIONAL EXPERIENCE

Accenture, Bangalore, India: Associate Application Developer   01/2021 - 12/2021
- Implemented comprehensive unit testing scenarios using **Java**, resulting in a reduction of customer issues by maintaining a clean code.
- Used **Jenkins** and pipelines to drive all **microservices** builds out to the **Docker** registry and then deployed to **Kubernetes**, Created Pods and managed using **Kubernetes**.
- Designed and maintained high-volume, low-latency Java application, reducing memory consumption by 28% through efficient garbage collection.
- Experience in using different Spring Modules – Spring Boot, Spring Data JPA, Spring MVC, Spring Integration.
- Involved in developing a Micro Service Oriented Architecture Application by using **SpringBoot,** and Angular.

Janaspandhana, Hyderabad, India: Web Application Intern   04/2020 - 08/2020
- Worked on a government-funded project to create a digital waste monitoring platform through QR codes placed on dustbins, resulting in successful implementation in 30 towns and generating an annual revenue of $100k.
- Employed **Redux-thunk** as a middleware to call action creators and used **AXIOS** for API integration.
- Developed a scalable RESTful API service using Node.js and FastAPI, which was later hosted on cloud services like AWS using docker containers.
- Applied extensive expertise in **Dynamic Single Page Application (SPA)** using **MERN (Mongo, Express, React and Node JS)** Full Stack development tool kit along with Typescript.

ACADEMIC/PEROSONAL PROJECTS

Innovative Web Data Tool, *Arizona State University Final Project*, | Python, NodeJS   Fall 2023
- Built a secure, user-friendly webpage for seamless content uploads, robust data integration, and strict user authentication. Implemented effective file management to uphold data integrity, enabling efficient administration.
- Enabled users to seamlessly connect to external databases via the interface, performing CRUD operations and enhancing data import/export for a more robust and user-friendly tool.

Insider Threat Detection *Class Project* |Python, NLP   Fall 2022
- Identified and predicted insider threats by monitoring browsing patterns and assessing profiles for deviations.
- Detected insider threats based on streaming heterogeneity in real-time. It boasts an accuracy rate that is 8.76% higher than other proposed solutions currently available.

Agile Metric Dashboard, *Class Project* | Java, TypeScript, ReactJS, Spring Boot, Jenkins   Spring 2022
- Created a configurable web interface for viewing the Agile software development project metrics available on the team's Taiga board, which has 10 microservices.
- Automated software build, test and deployment using **Jenkins** as part of Continuous Integration and Continuous Deployment (CI/CD) solution.

Enhanced Platform for Writing and Telling Heritage Stories, *Intern Project* | ReactJS   Summer 2020
- Programmed a web and mobile application that allows authors from around the world to publish their lovely short stories in many languages.
- Integrated NodeJS application with email synchronization using IMAP, POP3, and SMTP protocols, which increased user engagement by 60%.