Venika Gaur

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EDUCATION

University of Alabama in Huntsville — Huntsville, AL
Bachelor of Science in Computer Science, Minor in Mathematics (GPA: 3.8) — *July 2020*
Awards: WWC Technologist to Watch 2023, Boeing Business Challenge Award, Full Merit Scholarship

EXPERIENCE

Platform Engineer — Nov. 2022 – Present
Prudential Financial — *Huntsville, AL*

- Optimized API-derived document failure logging with Java and Spring Boot, achieving an impressive 87% efficiency improvement by eliminating manual test log searches
- Strengthened application security by proactively identifying and eliminating code vulnerabilities using JFrog and Checkmarx, resulting in a 30% reduction in potential threats
- Built and maintained the software application for newer and existing products. Utilized Java, Spring Boot, REST APIs, Postman, and Jenkins for robust implementation, integrated with CI/CD practices for seamless delivery

Software Engineer — Aug. 2021 – Nov. 2022
Satvik Vr LLC — *Huntsville, AL*

- Created and optimized product dashboard using React.js and Node.js to display best-selling products based on user preferences and drove sales traffic up by 35%
- Built Express.js and MongoDB-based REST APIs for efficient product inventory management, optimizing data retrieval and driving business growth up by 25%
- Devised Python scripts to achieve a 50% efficiency boost by automating the parsing of consumer product files and ensuring seamless database population

Software Developer Intern — Aug. 2019 – Apr. 2020
Siemens — *Huntsville, AL*

- Designed and implemented a data collection REST API with Node.js to analyze application log data, leading to a 15% increase in daily task efficiency for test teams by tracking and resolving bugs more effectively
- Constructed a web application to manage sprint tasks and deadlines using React, GraphQL API and AWS to improve personal productivity by 30%
- Automated the creation of virtual machines for consumer product testing using Python, improving time efficiency by more than 85%

PROJECTS

M.E.A.L.S. | *Java*

- Developed a social networking app that fosters student dining interactions, promoting shared meals and facilitating meal card lending
- Achieved recognition and a $3,500 award from Boeing in the New Business Challenge

Inventory Management System | *Java, JDBC, SQL*

- Programmed an inventory-tracking application to oversee current furniture inventory and anticipate future needs in 6 residence hall buildings
- Implemented a sophisticated system to generate distinct inventory codes for 8000+ furniture pieces, effectively resolving inventory challenges in campus residence halls

BaatCheet Chat App | *Node.js, Express.js, Socket.io*

- Engineered a real-time chat application enabling multiple users to join chat rooms and exchange instant messages seamlessly

TECHNICAL SKILLS

Languages & Skills: Python, Java, JavaScript, SQL, HTML/CSS, RESTful APIs
Frameworks & Tools: React.js, Node.js, Spring Boot, Express.js, JUnit, Jest, Jenkins, AWS, MongoDB