HIMANI SINGLA

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SUMMARY

Results-driven technology leader, a passionate engineer, and a creative complex problem-solver with expertise in Java, Angular, Spring Boot, And Restful web services. Have 4+ years' experience in the development and maintenance of web applications. Excellent in verbal and written communication skills, details oriented, a highly adaptable, flexible professional who embraces teamwork, but also enjoys working independently. Potential to translate business requirements into technical specifications and interact with end-users to gather requirements.

EDUCATIONAL BACKGROUND

- **Master of Science in Computer Science** | *University of Dayton* – Dayton, OH, USA (GPA 3.8)   Anticipating May 2021
- **Bachelor of Technology** (Computer Science) | *Punjab Technical University* – Jalandhar, India   Aug 2008 - Jun. 2012

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C++, JavaScript.
- **Database:** SQL, Oracle, MySQL and PL/SQL.
- **Frameworks:** Angular, Spring Boot, REST API, SOAP, Microservices, Bootstrap, and CSS.
- **Tools:** Eclipse, IntelliJ, MS Visual Studio, GIT, MATLAB, Postman, JIRA, Bitbucket, and Splunk.

WORK EXPERIENCE

Information Technology (IT) Developer Co-Op | *Crown Equipment Corporation* – Troy, OH, USA   Aug. 2020 – present
- Developed and manipulated the data using AJAX according to business logic and exposed it to the front end in JavaScript.
- Involved in upgrading Angular components to version 8 and writing unit test cases with Jasmine and Karma framework.
- Redesigning the application by adding the responsive forms to make the application user friendly.
- Created new RESTful APIs using Spring Boot and proposed new UI design as per business requirements.
- Built the reusable styles across the application to enhance the effectiveness and improved operational excellence with Agile methodologies.
- Supporting in company's internal CI/CD system based on Jenkins.
- Schedules, prepares for, attends, and actively participates in project status meetings, and any other project-related meetings.

Senior System Engineer | *Infosys Private LTD. (for Apple Inc.)* – Bengaluru, India   Oct. 2014 – Jun. 2018
Horizon GSX (Global Service Exchange)
- Accomplished calibration to test screen coordinates of devices and to check repair eligibility.
- Designed APIs to diagnose devices and attain repair details using SOAP and XML.
- Performed unit testing with Junit with 85% code coverage.
- Delivered technical design and functional design documents to business stakeholders which help the project to scale up to the requirements.
Tetris GSX (Global Service Exchange)
- Contributed code to enhance the order information collection based on the serial number using Java, Spring MVC framework, and SQL.
- Participated in creating and updating the Confluence Pages for the project documentation.
- Optimized PL/SQL queries which were taking more time to execute by creating necessary indexes.
- Tuned the application to improve the performance of the application for better quality product delivery.
Sustainable Engineering Queue GSX (Global Service Exchange)
- Analyzed, debugged, and enhanced the production issues in Java, JavaScript, and PL/SQL codes.
- Implemented new SOAP web services to display information regarding the repair status of the device.
- Involved in day-to-day production support activities and identify bottlenecks and bugs.
- Used Splunk for effective logging, debugging, and reporting which reduced downtime and increased customer satisfaction.

ACADEMIC PROJECTS

Full Stack Web Application with Authentication   Nov. 2020 – Dec. 2020
- Built an interactive web application with login page using Angular, Java, Spring Boot, and Restful APIs with basic OAUTH and JWT.
- Worked on Spring Security to configure basic authentication and connecting APIs to JPA using Spring Boot.

Emotional Recognition Using Artificial Intelligence (AI)   Feb. 2019 – May 2019
- Developed a machine learning model for the detection of different human emotions using live videography.
- Achieved 87% accuracy in detecting different emotions and facial features using CNN and Cascade classifiers.