**Teja B**

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**WORK EXPERIENCE**

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| **Cyber Infotech** | **Gaithersburg, MD** |
| *Program Analyst Intern* | Dec 2023 - Present |

* Executed the development of Java 17 E-commerce app using Spring Framework and Angular, driving Agile methodology, accelerated project delivery by 20% through streamlined workflow processes and enhanced team collaboration.
* Orchestrated the successful deployment of a Microservice architecture utilizing RESTful APIs. This modular design boosted scalability by 30%, enabling the application to seamlessly handle increased traffic.
* Leveraged Angular, Bootstrap, and SASS to optimize web development resulting in reduced development efforts by 15%, facilitating the rapid creation of a user-friendly and visually appealing interface.
* Implemented Hibernate for data persistence and systematized the DAO layer, enabling seamless integration with MySQL and MongoDB databases, and optimized application performance by reducing database access time by 10%.
* Contributed to the development of comprehensive Postman API tests (95% coverage) during sprints. By collaborating with senior developers and utilizing Junit tests and helped identify and prevent critical application issues throughout development.
* Integrated Jenkins CI/CD pipelines, automating build, test, and deployment processes, resulting in a 25% reduction in time-to-market for new features and enhancements. This initiative enhanced overall software quality and stability while fostering a culture of continuous improvement within the development team.
* Collaborated with cross-functional teams to define and prioritize product backlog items, ensuring alignment with business goals and customer needs. This approach facilitated agile product development and delivery, resulting in a 25% increase in customer satisfaction scores.

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| **MagTech Solutions And Corporation** | **Hammonton, NJ** |
| *Java Full Stack Developer Intern* | May 2023 - Nov 2023 |

* Promoted a continuous learning culture within Agile teams by actively participating in knowledge-sharing sessions to facilitate cross-communication among team members, leading to a more efficient knowledge transfer and development.
* Engineered efficient inter-service communication within the Microservices architecture by implementing RESTful APIs using Java 11 which led to the accurate functioning of the application.
* Mined key data from MySQL databases at various levels, utilizing optimized SQL queries effectively managing JDBC interactions and making sure of faster retrieval of data by 15%.
* Coordinated web development using Bootstrap and jQuery, established in the creation of more responsive and user-friendly web applications.
* Proactively identified and resolved application bottlenecks and bugs, leveraging my problem-solving skills and tools like JUnit and Maven to optimize application functionality.
* Empowered customer success by authoring clear Swagger documentation for Spring RESTful APIs.

**PROJECT EXPERIENCE**

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| **Human Interface Programming Project - Kent State University** | **Kent, OH** |
| *Frontend Developer -* [*Alko – The E-commerce Website*](https://github.com/tbolem/HIC-Final-Project) | Sep 2022 - Nov 2022 |

* Led the website's front-end design independently, leveraging the Bootstrap framework to ensure a modern and responsive user interface, enhancing overall user experience.
* Employed PHP with XAMPP server for seamless interaction and SQL for efficient database management, ensuring data integrity and system reliability.
* Executed GitHub integration strategy to streamline project progression, foster team collaboration, and implement robust project analysis mechanisms; this initiative resulted in a 25% reduction in project timeline and increased project efficiency by 30%.

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| **Capstone Project – Kent State University** | **Kent, OH** |
| *Frontend and UI/UX Developer -* [*Healm – The Health Tracker*](https://github.com/Kent-Student-Capstone-Group/WellnessTracker) | Jan 2022 - May 2022 |

* Directed the front-end design independently, following Waterfall methodology, to translate user storyboards into a functional website. Ensured alignment with project objectives and timelines for seamless development.
* Utilized the Fitbit API to seamlessly integrate fitness tracking features, enhancing user engagement on the platform.
* Architected the implementation of OAuth for robust security measures and utilized Digital Ocean for efficient website hosting, optimizing performance and accessibility.

**EDUCATION**

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| **Kent State University** | **Kent, OH** |
| *Bachelor of Science in Computer Science GPA: 3.73* | May 2023 |

**SKILLS**

Agile, Waterfall, Java 17, Java 11, Spring Framework, RESTful Webservices, Microservices, JUnit, HTML5, CSS3, Angular, TypeScript, Bootstrap, jQuery, Hibernate Framework, MySQL, MongoDB, Jenkins, OAuth, JIRA, Maven, Swagger, Postman, Log4J, Git, GitHub, IntelliJ, VS Code