**MANOHAR PALETI**

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**PROFESSIONAL SUMMARY**

A versatile Full Stack Developer with 3 years of experience in developing and maintaining web applications. Competent in Java, Python, MERN stack, Django, and Spring Boot. Skilled in incorporating the latest features to drive transformative initiatives, ensuring seamless integration and functionality of applications.

**EDUCATION**

**University of Cincinnati** **Cincinnati, OH**

*Master of Science in Information Technology* **(GPA:3.98/4.0)**Jan 2023 - Apr 2024

**Gitam Deemed to be University Visakhapatnam, IN**

*Bachelor of Engineering in Electrical and Electronics Engineering* **(GPA:3.0/4.0)**Jul 2018 - Jun 2022

**TECHNICAL SKILLS**

**Programming Languages:** Java, Python, JavaScript, TypeScript, C, C++, HTML5, CSS3, C#

**Frameworks & Libraries:** Spring Boot, Django, Pandas, React.js, Angular, Node.js, Express.js, REST API’s

**Databases & Servers:** SQL, PostgreSQL, MongoDB, Apache Tomcat, Apache Hadoop, Oracle

**Tools & Platforms:** Android studio, Eclipse IDE, Visual studio, Tableau, Kubernetes, GitHub, Jenkins, PyCharm, DevOps, Docker

**Cloud & OS:** Linux, Windows, MAC, AWS, Git, GitHub, GitLab

**Methodologies:** Agile/Scrum, SDLC, Waterfall

**WORK EXPERIENCE**

**Hudson’s Bay Company New York, NY**

***Full Stack Developer***Feb 2024 - Present

* Collaborated with a cross-functional team to design a retail website and participated in daily standups, bi-weekly sprint planning to ensure consistent ream communication improving project by 15%.
* Developed a dynamic user interface using **ReactJs** enhancing the user engagement and built a modular component for ensuring maintainability, that reduced the future development time by 40%. Applied **Redux**  for state management across the user flows.
* Engineered back-end architecture with Spring boot and Java, improving the server-side processing speed by 30% while ensuring scalability. Designed database schemas by optimizing queries in **MongoDB**.
* Integrated front-end and back-end using **NodeJS,** facilitating seamless communication between the client-side and server-side operations, reducing overall request latency by 18%. Managed CORS issues to ensure smooth API consumption across domains.
* Deployed **CRUD** operations to manage user data, orders, and product information, improving database interaction speed by 15%. Implemented secure, scalable **REST APIs** using **Express.js** for managing product inventory.
* Employed **Jenkins** for continuous integration and continuous deployment **(CI/CD)**, automating build and deployment processes, reducing manual errors and deployment time by 35%. Conducted unit testing and integration testing using **Selenium**.

**Sea Gate Pvt Ltd New Delhi, IN**

***Software Engineer***Feb 2020 - Dec 2022

* Spearheaded the development of a CRM, managing the team of developers and coordinated with business analysts to refine project specifications, leading to a focused development effort.
* Designed a user-friendly interface using **React.js,** resulting in a 40% increase in user adoption rates and Optimized application performance through lazy loading and code splitting techniques, resulting in reduction of load time.
* Utilized **Apache Hadoop** for data processing and analytics, improving data processing speed by 50% and established robust database management practices using **PostgreSQL**, optimizing data retrieval times and reducing database load times.
* Configured **WebSocket** for real-time updates in the Fleet Management System, improving data synchronization and enhancing user interaction by 30% and a real-time notification system for fleet status updates, improving response times to user queries.
* Established comprehensive API documentation using **Postman** and Conducted regular health checks and performance monitoring, achieving 90% uptime and proactive incident response.
* Implemented automated testing frameworks using **JUnit**, increasing testing efficiency by 40% and Utilized **Kubernetes** for container orchestration, improving deployment consistency and system scalability, with zero downtime during releases.

**PROJECTS**

**Fitness Tracker Application |** *React.js, Node.js, MongoDB, Chart.js*

* Developed a comprehensive fitness tracker application using the MERN stack (MongoDB, Express.js, React.js, Node.js), enabling users to log workouts, set fitness goals, and visualize progress. Implemented secure user authentication with JWT.
* Designed a dynamic dashboard with customizable widgets and interactive charts using Chart.js, providing weekly, monthly, and yearly views of fitness data. Deployed the application using Docker on AWS, ensuring scalability and reliability.