MANALI TAWAR

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EDUCATION

Syracuse University - College of Engineering & Computer Science, Syracuse, NY   August 2021 - May 2023
Master of Science, Computer Science

- Relevant Course work: Principles of Operating Systems, Database Management Systems, Design and Analysis of Algorithms, Social Media and Data Mining, Natural Language Processing, Biometrics

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India   August 2016 - May 2020
Bachelor of Technology, Computer Science and Engineering

TECHNICAL SKILLS

- C, C++, Java, Python, Android Programming, JavaScript
- Object-Oriented Programming, Data Structures, Design and Analysis of Algorithm, Software Engineering
- Data Science, Machine Learning, Deep Learning, MySQL

PROFESSIONAL EXPERIENCE

Project Engineer, Wipro Ltd – Hyderabad, India   September 2020 - July 2021
Technology: Spring Boot, Hibernate

- Utilized JavaMail API to enable seamless sending of emails, ensuring a user-friendly experience for customers
- Created API endpoints to construct API Request Web Portal to deliver information about various databases
- Leveraged Spring Boot's powerful features to optimize queries to ensure efficient retrieval, management of data
- Worked with chrome extension Postman REST Client, an HTTP client for testing web services
- Designed convenient, visual display of query results and wrote automation scripts to validate against a database
- Performed Back-end testing by writing SQL statements like Joins, Inner Joins, Outer Joins, and Self Joins

INTERNSHIPS

Software Development Engineer Intern, Swift Rails Inc – New York, USA   August 2022 – Present
Technology: Kotlin, Java, Android Studio, Firebase

- Designing a mobile app to develop new features, interfaces, providing unit structure to deliver mobility service
- Created an intuitive UI for users to input their pickup, drop locations, set a custom pickup time, and ride options
- Integrated Google Places API for autocomplete address suggestions for a seamless, easy-to-use experience
- Developed streamlined database structure using Firebase, enabling easy examination of user data
- Documenting the development process with concise comments, facilitating cooperation for future developers

In-Plant Trainee, Expert Global Solutions Pvt Ltd – Aurangabad, India   January 2020 - June 2020
Technology: Angular, NodeJS, PostgreSQL

- Worked on IoT-based project for a industry to improve machine efficiency, streamline production processes
- Utilized Angular, Node.js to develop web app for real-time monitoring of machines to set, track production targets
- Developed a user-friendly UI for task management, including adding new machines, assigning tasks etc
- Thoroughly tested, debugged the web app for precise machine data, utilizing Postman and Chrome DevTools
- Utilized Agile development for timely delivery of project milestones and collaboration with team members

PROJECTS

Academic Projects

- SalonFlow – Backend server for Client Management: As a backend developer, I developed a Spring Boot server to manage client information for a salon. The server included services to notify the head about the addition of new clients and any update made. I also designed other notification services for the clients on discounts, greetings on birthday etc using SMTP server and scheduling feature. Developed reports on a weekly basis including top clients based on checkins, checkouts
- Sentiment Analysis on Google Play Store Apps and Reviews: Performed an Exploratory Data Analysis on a Kaggle Dataset and presented the findings effectively using data visualization techniques. Analyzed data after cleaning the dataset to explore reviews of free, paid, and discover popular categories of apps people tend to make use of with Pandas, NumPy, Matplotlib libraries to get an insight into the apps people utilize