Manthan Ankolekar

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EXPERIENCE:

Tech Ventures Group - Software Developer   Feb 2025 - Present
- Developed, maintained, and enhanced backend Python-based Flask applications powering the Dealer Dashboard.
- Collaborated closely with front-end developers to define and integrate APIs for new features and ensure seamless data flow.
- Contributed to the design and implementation of microservices, focusing on efficient and reliable inter-service communication and data management.
- Prioritized the development of efficient, scalable, and maintainable backend systems, adhering to industry best practices.

Senwell Group Pvt Ltd - Software Developer   Oct 2024 - Jan 2025
- Contributed to enhancing and maintaining Angular-based applications for recruitment platforms and tolling & traffic management systems.
- Collaborated with cross-functional teams, including designers, backend developers, and product managers, to implement new features and resolve issues.
- Worked on microservice architectures, ensuring efficient communication between services and integrating them with front-end applications.
- Focused on creating efficient, user-centric applications while following industry best practices for scalability and maintainability.

BlackCoffer - Software Engineer   Feb 2023 - Aug 2024
- Designed and developed an API dashboard using Angular, incorporating distinct user and admin roles, and integrated backend APIs for dynamic data management.
- Built a multi-role hospital management system with Angular, Node.js, and MySQL, deploying it on AWS to ensure scalability and reliability.
- Integrated real-time notifications using WebSockets for timely updates on user actions in the hospital management system.
- Refactored and optimized the code, reducing the build size by more than 50%, and maintained system performance with continuous updates based on user feedback.

AppiVa Software Pvt Ltd - Full Stack Developer Intern   Jul 2022 - Dec 2022
- Enhanced an existing application by adding new features. Provided ongoing maintenance and optimization for the system.
- Used Angular, Node.js, Python, and Firebase for the frontend, backend, and real-time data management, deploying the solution on AWS.
- Ensured application performance post-deployment by monitoring, troubleshooting, and addressing issues.

Faclon Labs Pvt Ltd - Angular Developer Intern   Nov 2021 - Apr 2022
- Collaborated on Angular-based projects, including developing an admin panel and user interfaces for specific products.
- Applied Angular best practices such as modular architecture and reusable components to streamline development.
- Integrated backend RESTful APIs and conducted comprehensive testing to maintain application quality.

SounderGrad - Front End Trainee   May 2021 - Aug 2021
- Completed training in HTML, CSS, JavaScript, jQuery, and Angular, focusing on dynamic, responsive web applications.
- Improved skills in API integration and asynchronous data handling with Angular.
- Developed a Corona Tracker application using Angular and REST APIs. Integrated real-time data from APIs to display COVID-19 statistics.

Karanji InfoTech Pvt Ltd - Student Intern   Jun 2019 - Jul 2019

- Gained foundational knowledge and experience in machine learning concepts. Explored Python libraries and frameworks for implementing speech synthesis.
- Developed a text-to-speech conversion application in Python, utilizing relevant libraries to convert text into audio.

EDUCATION:

Sahyadri College of Engineering & Management, Mangalore   Aug 2016 - Aug 2020

Bachelor of Engineering (B.E) in Computer Science.

SKILLS:

Languages: JavaScript, TypeScript.
Frontend Technologies: Angular, RxJS.
Backend Technologies: Node.js, Express.js.
Databases: MongoDB, MySQL, PostgreSQL, and Firebase.
Version Control: Git, GitHub, GitLab, Bitbucket.
Cloud Platforms: AWS, GCP.
Other Tools: Docker, CI/CD Pipelines, WebSockets, Jira, Microsoft Azure, Postman.

PROJECTS:

Patient Discharge and Call Monitoring Web App - Project at Blackcoffer

- Led the development and management of a project for more than ten months.
- Implemented new features and handled ongoing maintenance.
- Built the application using Angular for the frontend, Node.js for the back end, and MySQL for the database.
- Integrated real-time communication using Socket.IO. Deployed the project to AWS for scalability and reliability.

API Admin & Client Dashboard - Project at Blackcoffer

- Developed admin and client dashboards from the ground up in Angular, utilizing a template for efficient design.
- Integrated over 150 APIs into the front end, ensuring seamless functionality with robust Authentication and Authorization mechanisms.

Brain Tumor Detection Using MRI Images - Final Year Project

- Worked on the front end of projects involving image detection and classification using technologies like Flask. Familiar with testing and training methods using databases.

Complaint Management System - Web Development Project

- Completed a web development project that involved creating a web page for registering and storing complaints in a database using PHP and MySQL.

Census Management System - DBMS

- Designed, developed, and implemented a project to store and manage data in a database, ensuring thorough testing for optimal performance.

ADDITIONAL DETAILS:

Profile Links: [GitHub](#), [LinkedIn](#)
Languages: English, Hindi.