TEJAS MANJUNATHA DEVANG

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EDUCATION

Syracuse University - College of Engineering and Computer Science, Syracuse, NY — May 2025
Master of Science in Computer Science.
Courses - Computer Architecture, Operating Systems, DBMS.

Visvesvaraya Technological University - AIT, Chikkamagaluru, India — August 2021
Bachelor of Engineering in Computer Science and Engineering.
Courses - Object Oriented Programming (C++, Java), Data Structures and Algorithms. CGPA: 8.77/10.

SKILLS

Programming Languages	Java, Python, C++, C#, Embedded C, HTML, Javascript, Embedded C.
Tools/Platforms	Jira, ARDUINO IDE, IntelliJ, MySQL Workbench, MSSQL, ServiceNow.
Others	Git, AWS, Postman, MS Visual Studio, Android Studio, PyCharm, Jupyter.

EXPERIENCE

Software Developer, Accenture – Bengaluru, India — October 2021 - July 2023

- Collaborated with EIS, applied Java and Microservices expertise in API development, resulting in a 30% reduction in time and a 20% increase in deployment frequency through their effective strategies.
- Leveraged Jenkins and CI/CD pipelines, diligently monitored API performance, with necessary optimizations leading to a notable 20% improvement in API speed and a commendable 12% reduction in API downtime.
- Automated API testing with Postman resulted in a 50% decrease in test suite setup time and a 40% reduction in environment-specific test maintenance efforts.
- Encountered the need to integrate APIs from various teams, devised a strategic plan that resulted in a 30% reduction in data retrieval time and a 10% increase in overall system efficiency.
- Produced detailed API documentation, outlining endpoints, and request-response structures. Performed rigorous testing, mitigating post-deployment bugs by 25% through early issue detection and resolution.

Android Developer Intern,Diceque Solutions Pvt Ltd – Bengaluru, India. — March 2021 - April 2021

- Developed a highly-rated Android application in Java, integrating three RESTful APIs, resulting in 20% faster data retrieval and a bug-free experience.
- Incorporated Firebase as the database to store user information and preferences, the application achieved a commendable effectiveness rate of 78%, ensuring efficient data management and enhanced user experience.

PROJECTS

Wearable Sensing and Telehealth technology with Potential Application in the Coronavirus Pandemic
Awarded as Best Project of the year - 2021 — October 2020 - May 2021

- Conceptualized and engineered advanced wearable tech using the Arduino NANO board, advanced sensors, and Embedded C, achieving an impressive 88% precision in health data monitoring and recording.
- Implemented a notification system aided by a Telegram bot, triggered alerts when sensor readings exceeded or fell below specified thresholds, achieving a remarkable 92% accuracy in capturing positional data.

Car Rental Management System — October 2020 - January 2021

- Crafted an intuitive, enticing interface using HTML and CSS for car rental operations. Implemented JavaScript for real-time availability checks, interactive booking forms, resulting in reduced booking process time by 40%.
- Integrated the website with a backend database using MySQL to manage car data, reservations, customer details, and rental history, resulting in a 25% improvement in data retrieval efficiency and operational streamlining.

Vehicle Renting System — October 2019 - January 2020

- Designed a vehicle rental system with MySQL backend, deploying SQL and optimizations, attained 25% faster data access, efficiently managing inventory, client records, and rentals with finesse.
- Constructed SQL queries and aggregations for reports analyzing rental patterns, revenue trends, and customer preferences, enhancing decision-making by 20% and driving 15% efficiency gains in business operations.