

Tejesh Paidi

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EDUCATION

Master of Science - Software Engineering Arizona State University, Tempe, AZ	08/2023 - 05/2025 4.0/4.0 GPA
Bachelor of Technology - Minor, Computer Science Engineering PES University, Bangalore, India (NIRF Rank 99)	08/2018 - 05/2022 3.4/4.0 GPA

TECHNICAL SKILLS

Programming Languages: C, C#, JavaScript/ TypeScript, Python, SQL, HTML/ CSS
Tools and Technologies: React.js, MongoDB, Node.js, Express, .NET Core, Git, Microsoft Azure, Docker, Elasticsearch, JQuery, Bootstrap, Microservices, Entity Framework, Flask, Handlebars, Linux, XML, AWS EC2

PROFESSIONAL EXPERIENCE

Omnibiz Africa (Bangalore, India/ Lagos, Nigeria): Software Development Engineer 1 05/2022 - 07/2023

- Lead developer in a system rewrite to a **microservices architecture** using **.NET Core** and **Entity Framework**. Eliminated the use of stored procedures in MS SQL. Decreased API response time by 40%
- Integrated **Freshdesk APIs** into our system to build a new end-to-end customer support solution that receives around 500 weekly tickets
- Automated the generation of calling lists using **Node.js**, **Python scripts** and **Azure Webjobs** for call center agents to use to reach out to customers, saving 20 hours of weekly staff time, while increasing weekly orders by 5%
- Mentored, reviewed PRs, and managed three new interns, guiding them to produce production-ready code quickly. Managed and owned features end to end within the team

Omnibiz Africa (Bangalore, India): Software Development Intern 05/2021 - 04/2022

- Developed widgets in our **React.js** application to customize the product listing page experience of customers. Widgets yielded a 60% conversion rate into orders
- Utilized Microsoft's **Custom Vision AI** to train an Intelligence model to add system checks in our order management backend application to prevent wrong items from being picked and shipped to customers, reducing RTO costs by 20%

TeamLease Services Ltd. (Bangalore, India): Web Development Intern 06/2019 - 07/2019

- Built and maintained multiple efficient web pages using **Bootstrap**, **JQuery** & **.NET Core** as a full-stack developer
- Developed over 10 **stored procedures** according to business requirements in **MS SQL**

RELEVANT PROJECTS

Semantic Web- Disease Predictor, Group Academic Project- [Git Repository Link](#) Fall 2023

- Integrated and normalized diverse datasets using **Python** into an **OWL-compliant semantic web database** using **Apache Jena Fuseki** and deployed the database on an **AWS EC2 instance**
- Utilized **React** for the front-end, implementing **SPARQL queries** with lifestyle filters to analyze and visualize disease patterns for the given lifestyle
- Led the team by taking ownership, guiding the development process, and integrating components for a seamless functionality

Financial Modeling tool, Freelance Project Summer 2022

- Developed multiple visualizations and dashboards of financial data simulations using **React.js**, **Flask** and **Docker**
- Interacted with the client and took full end to end ownership of development of the software application

Weather, Spotify Top Tracks Website, Individual Project- [Weather App](#), [Spotify Git Repository Link](#) Summer 2021

- Created fully responsive websites that interact with APIs and display data on the frontend using **Node.js** & **Handlebars**
- Spotify website fetches the users top 10 played songs in the last month and gives user an option to create a playlist.
- Weather website fetches weather parameters from anywhere in the world.

EXTRACURRICULAR ACTIVITIES

- Head of Finance & Tech (2020-2021) for the PES Model United Nations Society. Headed the design & development of our MUN website which received over **1.4K unique visitors** and generated **revenue of 140K Rupees**