

Tejas Sathe

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SUMMARY

- Results-driven MS in Business Analytics candidate at USF, graduating Dec 2024.
- Specialized in **Frontend** Development at Centiro, achieving a **40% error reduction and 30% productivity boost**.
- Proficient **Python Developer** at Cognizant, adept in Hadoop infrastructure automation, **Slashed manual monitoring efforts by 60%**, ensuring code integrity and efficiency.
- Dynamic Android Developer intern at WERP, pivotal in e-commerce app creation.
- Created a precise Movie Recommendation System, price-winning Pizza House Android App, versatile Blog SPA website, and **various GitHub repositories**.
- Technologically versatile with expertise in **Python, JavaScript, Angular, and React**, with certifications in Machine Learning, and Deep Learning. Proficient in database management, particularly with **MySQL and MongoDB**.

EDUCATION

University of South Florida, Tampa

Master of Science in *Business Analytics and Information Systems* | GPA: 3.89/4

Tampa, FL

Expected – December 2024

Savitribai Phule Pune University, India

Bachelor of Engineering (BEng) in Computer Science | GPA: 3.70/4

Pune, India

2016 – 2020

WORK EXPERIENCE

Centiro Solutions | Frontend Developer

March 2022 – July 2023

- Developed and enhanced an organization-level, **multi-page website**, empowering multiple clients to automate their labour-intensive workflows, resulting in a 40% reduction in manual errors and a 30% increase in overall productivity.
- Architected and wrote multiple reusable **Angular (TypeScript)** components as per the Figma design with different design systems and architectural patterns. **Reduced page load time by 50%** with the help of SEO techniques.
- Programmed, integrated, and maintained multiple endpoints in the **ASP.Net framework**. Contributed to developing detailed test plans and product evaluation tools as a member of the R&D group.
- Identified and **resolved** over **12+ bugs**.

Cognizant | Python Developer

December 2020 – March 2022

- Engineered, implemented, tested, and documented **Python** automation scripts for comprehensive monitoring of Hadoop infrastructure.
- **Reducing manual monitoring efforts by 60%** and ensuring bug-free code integrity.
- Worked with low-level **LINUX** commands to connect with servers and databases. Integrated **MoogSoft Api** in Python automation scripts for alerting and raising the ticket.
- Active participation in the **continuous improvement** of automation strategy. Upgraded scripts with **error handling**, reducing downtime by 40%.

WERP (Internship) – Remote | Android Developer

April 2019 – June 2019

- Contributed to the entire product development lifecycle, including planning, design, prototyping, testing, and iterating, of an **Android application** developed for women to buy and sell goods online.
- Used **Adobe XD** for designing and developing user interactive prototypes. **Integrated 3rd party APIs**, enhancing application functionality.

Movie Recommendation System (*Machine Learning, Python, Django*)

- Researched and trained a Recommendation System based on a Hybrid Approach (Content-based filtering and Collaborative-based filtering). Achieved a recommendation **accuracy rate of 90%**. Helped users save an average of **15 minutes per movie selection**.
- Recommendation model seamlessly integrated into the **appealing user interface (UI)** developed with **CSS, and Django** web framework, making it easy for users to discover and enjoy content. Improved user engagement by some margin.

Heart Pizza House Android Application (*Android Development, Java, Firebase*)

- Designed and developed a pizza-ordering **Android** application with Firebase as a backend service.
- **Came 2nd in interdepartmental competition**. Used Adobe XD to create UI assets. The app provided a valuable and user-centric mobile experience.

Blog SPA Application – GitHub (*JavaScript, React.JS, Node.JS, MySQL, JWT*)

- Blog SPA Application is a **full-stack single-page** web application designed for bloggers to easily publish, manage, and share their articles and posts.
- Built using **React.JS** for the front end and **Node.JS** for the back end, it combines an intuitive user interface with robust server-side functionalities.

TECHNICAL SKILLS

Programming Languages: C++, JavaScript, TypeScript, Python, C#, HTML, CSS.

Frameworks/ Libraries: Angular, React.JS, Flask, Node.JS, ASP.Net, Bootstrap, RxJS, Redux, TensorFlow, Keras, Tailwind.CSS.

Databases: MySQL, MongoDB.

Tools: GitHub, Visual Code, Visual Studio, SQL Server Management Studio.

Certifications: Machine Learning by Stanford University, Neural Network and Deep Learning by Deep Learning.AI (Coursera)