

Tejas Sathe

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<https://tejas-sathe-portfolio.netlify.app/>

SUMMARY

- Highly skilled in a variety of programming languages including **C++**, **JavaScript**, **Typescript**, **Python**, and databases like **MySQL** and **MongoDB**. Proficient in popular frameworks such as **Angular**, **React.JS**, and **Node. JS**.
- Results-oriented Frontend Developer at Centiro Solutions, instrumental in automating workflows with a 40% reduction in errors and a **30% productivity increase**, followed by a Python Developer at Cognizant, achieving a 60% cut in manual monitoring efforts and implementing comprehensive Hadoop infrastructure automation.

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

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

Pune, India

2016 – 2020

TECHNICAL SKILLS

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

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

Databases: MySQL, MongoDB.

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

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

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. Identified and **resolved** over **120+ bugs**.
- 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 team.

Cognizant | Python Developer

December 2020 – March 2022

- Engineered, implemented, tested, and documented **Python** automation scripts for comprehensive monitoring of Hadoop infrastructure.
- Reduced manual monitoring efforts by 60%** and ensured 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.

PROJECTS

August 2019 - Present

Tech Blog Site – GitHub (JavaScript, React.JS, Node.JS, MongoDB, JWT)

- Blog SPA Application is a **MERN-stack** web application designed for tech 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.

Movie Recommendation System (Machine Learning, HTML, CSS, JavaScript, 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, Adobe XD*)

- 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.