

Pranay Patle

System Engineer at TCS, Pune

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Work Experience

System Engineer | Tata Consultancy Services, Pune

Jul'21-Present

- Built and managed **desktop and hybrid web/mobile applications as a Full Stack Developer**, actively contributing to the development of frontend, backend, and database services for the project.
- Engaged **implementing APIs as part of application enhancement** and integrated AWS cloud services, including **S3, SQS, and Lambda**, to meet business requirements.
- Successfully deployed **authentication middleware** and made enhancements to existing middleware for better logging and error handling.
- Engineered a variety of **stored procedures, SQL Jobs, and functions in MSSQL** for both web and desktop applications. Enhanced system performance through the optimization of existing procedures, resulting in a considerable **40% to 60% reduction in execution time**.
- Actively led an 8-member team**, taking charge of stand-up calls, client interactions, hosting code reviews, and developing strategies for project development. Additionally, played a key role in overseeing service deployment in Openshift with Jenkins CI/CD.
- Contributed significantly to the development and support of the hybrid web/mobile app. **Implemented offline capabilities for enhanced usability in low or zero network areas**. Optimized the application, **reducing network usage and a notable 50% boost in performance**.

Skills

Programming Languages
Tools and Framework
Technologies
Other

Javascript, C#, Python
React, NextJS, Express, Node JS, .Net Core,
AWS, Google Maps Platform, Jenkins, Docker, Git
MSSQL, MongoDB, HTML5, CSS, ShadCN, Tailwind CSS

Projects

Telehealth Medicine and Online Consultation

- Developed a web application for online medical consultation as a college project, utilizing the MERN Stack.
- Employed Socket.io to implement a secure video calling feature, leveraging Redux for global state management.
- Facilitated quicker logins through the integration of social media login. Designed using Material UI

Bulk Whatsapp Sender

- Engineered and developed Python GUI based Whatsapp Message Application using Whatsapp Web.
- Application allows user to send personalized Whatsapp messages to thousands of people in one go. Used tKinter and Selenium for developing application.

Rickshaw Booth Management

- Developed Web Application for cab booking. It provides platform to book Rickshaw cab through booths available at specific locations. Created dashboard to display cab booking metrics.
- Integrated Google Maps API services for route mapping and to fulfill business requirement. Used Tailwind CSS for React for UI components. Express Server to handle the business logic and MongoDB at the database.

Realtime Note Editor using Next

- Developed an online editor in NextJS for publishing documents and creating secure notes.
- Implemented a real-time database using Convex, social media login using Clerk, and used Shadcn and Tailwind for UI components. Employed BlockNote for the editor.

Education

B.Tech in Computer Science and Engineering	2021
Government College of Engineering, Amravati	8.27 CGPA
HSC : Maharashtra State Board	2017
D.B. Science College, Gondia	87.54 %
SSC : Maharashtra State Board	2015
Gujrati National High School, Gondia	89.20 %