Pranay Patle

Full Stack Developer at TCS, Pune

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Work Experience

Full Stack Developer | Tata Consultancy Services, Pune   **Jul'21-Present**

- Built and managed **desktop and hybrid web/mobile applications as a Full Stack Developer**, actively contributing to frontend, backend, and database services, ensuring seamless integration and functionality across the application stack.
- Designed and developed **REST APIs** with end-to-end flow. Integrated **AWS cloud services**, including S3 for storage, SQS for message queuing and Lambda for server less computing.
- Contributed significantly to **system designing** of the services and optimized existing services to achieve **30% to 60% performance improvement** throughout the application
- Played a key role in the **transformation of legacy desktop applications into modern, responsive single-page applications using React.**
- 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.
- Contributed significantly to the development and support of the hybrid web/mobile app and optimized the mobile application, **reducing network usage and a notable 50% boost in performance.**

Skills

Programming Languages	**Javascript, C#, Java**
Tools and Framework	**React, Express, Node JS, .Net Core, NestJS**
Technologies	**AWS, Azure, Jenkins, Docker, Git**
Other	**MSSQL, Postgres, MongoDB, HTML, 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

- Created hybrid web/mobile app 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 React Dashboard

- Developed a real time data dashboard, showcasing comprehensive view of data through charts and graphs.
- Achieved real-time updates through socket connection between client and server application.

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 %**