Sujit Rukade

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EDUCATION

Pune Institute of Computer Technology Pune, Maharashtra
B.E., Electronics and TeleCommunication Engineering *2022 - Present*
CGPA - 8.41

Shraddha Junior College of Science and Commerce Ichalkaranji, Maharashtra
HSC - 87.33% *2020 - 2022*

Deep Public School Jaysingpur, Maharashtra
Grade X - 91.8% *2010 - 2020*

PROJECTS

Pulzion'24 Submission Platform | *Node.js, Express.js, PostgreSQL, Flask, Nextjs* *Project Link*
- Developed a Submission Portal for Pulzion '24, handling 500+ user submissions, integrating Node.js, Express.js, Next.js, and PostgreSQL for backend, frontend, and database management.
- Developed an admin panel for managing routes, submissions, result downloads, and dynamic route editing with access control based on event deadlines, ensuring smooth real-time updates through API integration with Axios.
- Led a team of 5+ developers to refactor the frontend architecture, implementing performance optimizations and scalable design patterns. Achieved zero downtime during the event, providing a seamless experience for over 500+ participants with real-time submission updates and a responsive user interface.

FinTracker | *Next.js, Prisma, Supabase, Gemini AI, Clerk, Inngest, Arcjet* *Project Link*
- Developed a financial tracking app enabling users to track expenses, set budgets, and receive AI-driven insights and monthly reports through email, boosting user financial awareness and saving 25% of time spent on manual budget management.
- Integrated Gemini AI for receipt scanning, extracting key data for users with 95% accuracy, while incorporating Supabase for database management, Clerk for secure user authentication, and Arcjet for bot protection and rate limiting.
- Automated the reporting system with Inngest, utilizing cron jobs to deliver timely budget alerts and finance insights, ensuring users receive real-time updates and keeping app operations highly efficient.

WhatsApp Text Analyzer | *Python, Streamlit, Matplotlib, Seaborn* *Project Link*
- Developed a tool to understand the behavior of individuals in chat conversations by visualizing statistics and engagement patterns, addressing challenges such as processing diverse file types, segregating group vs. personal chats, and determining the most valuable features to include.
- Built the analyzer using Streamlit for the interface. Implemented features such as emoji stats, word clouds, a monthly timeline, and activity maps for both weekly and monthly chat trends.
- Delivered a user-friendly tool that streamlined the process of understanding chat dynamics and engagement, significantly reducing the time needed for manual analysis while providing actionable insights into user interactions.

TECHNICAL SKILLS

Languages: Java, Python, C, C++, SQL (MySQL), JavaScript, HTML/CSS, TypeScript
Frameworks/Libraries: ReactJS, NextJS, TailwindCSS, Shadcn, Pandas, NumPy, Matplotlib, Scikit-learn, Seaborn, Tensorflow, Keras
Developer Tools: Git, Github, Postman, VS Code, PyCharm, IntelliJ
Coursework: Object Oriented Programming, Data Structures and algorithms, Machine Learning, Database Management Systems, Computer Networks
Soft Skills: Teamwork, Patience, Active Listener, Problem-solving, Communication Skills, Leadership, Adaptability

POSITION OF RESPONSIBILITY

Event Lead | *PASC (PICT ACM STUDENT CHAPTER)*
- Pulzion, the annual flagship event of PASC, features a variety of technical and non-technical competitions. Served as the Event Lead for the Fandom event with a team of 10+ members.
- Led the frontend development team of 5+ developers for the Submission Portal used for managing entries and submissions during Pulzion, which handled 500+ user submissions.