PRAJVAL GANDHI

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Developer with dual expertise in creating polished user interfaces and intelligent backend systems. Proficient in React.js, Next.js, Python, and database technologies with practical experience integrating AI capabilities. Demonstrated ability to improve application performance, implement real-time features for AI-based web applications, and develop specialized medical interfaces with optimized data fetching and SSR implementation.

Education

MIT Academy of Engineering   **Aug 2021 – Jun 2024**
Bachelors in Information Technology   *CGPA: 9.37*

Government Polytechnic   **Aug 2018 – Jun 2021**
Diploma in Computer Engineering   *Percentage: 94.69*

Technical Skills

Frontend: React.js, Next.js, TypeScript, JavaScript, HTML/CSS, Tailwind, Bootstrap
Backend/Database: Python, Flask, MySQL, MongoDB
Software & Tools: Git, AWS, Postman

Experience

Ignite Solutions   **Jul 2024 – Present**
Software Engineer   *Pune*
- Contributed to chatbot development using Python, React and Bootstrap; integrated external AI endpoints and internal databases; utilized Markdown for rendering user-friendly output
- Developed and optimized Chaturji AI-based web application; implemented real-time chat and knowledge base features; optimized routing reducing load time by 55%; maintained web vital standards for responsive UX
- Developed UI using Next.js and React for medical professionals; designed interface for high-resolution pathology slides; implemented SSR and optimized data fetching

Ignite Solutions   **Jan 2024 – Jun 2024**
Software Engineer Intern   *Pune*
- Managed backend development for 'Onboarding Automation' application utilizing Django framework with MySQL database integration
- Fine-tuned GPT models on proprietary datasets to improve response accuracy; developed integration scripts for image processing capabilities on the Chaturji platform
- Implemented bug fixes and UI enhancements to improve functionality and user experience in the company's timesheet application

PixelStat eSolutions Development Pvt Ltd   **Jun 2022 – Oct 2022**
Full Stack Intern   *Pune*
- Engineered a custom web application for 'Akhil Bharatiya Marathi Chitrapat Mahamandal' implementing comprehensive data management
- Enhanced business logic and reporting functionality using Flask framework, SQL database integration, and JavaScript

Projects

Emosense – Multimodal Emotion Recognition   *Code*
Python, Tensorflow, Computer Vision, Deep Learning
- Leveraged advanced techniques in computer vision and audio processing to discern and classify emotions from visual and auditory cues accurately.
- Dedicated to creating a robust model that not only accurately captures emotional nuances but also provides meaningful insights for diverse applications such as human-computer interaction, sentiment analysis, and affective computing.

Daily Wage Worker Management System   *Code*
Python, Django, MySQL, Javascript, Bootstrap
- Designed and developed a streamlined management system for tracking and organizing daily-wage workers
- Implemented comprehensive functionality including user administration, departmental organization, and attendance tracking features

Certificates

Persistent Martian Program 2023 – Persistent
Full Stack Web Development – Udemy
Virtual Internship on Front-end Development – IBM SkillsBuild