

PRAJVAL GANDHI

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Portfolio: prajval-dev.netlify.app LinkedIn: linkedin.com/in/prajval-gandhi GitHub: github.com/paju3125

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

- Worked on an energy management application using React and Flask; implemented feature updates and bug fixes to improve functionality and performance in monitoring and analytics components
- Developed UI using Next.js and React for medical professionals; designed interface for high-resolution pathology slides; implemented SSR and optimized data fetching
- 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
- Contributed to chatbot development using Python, React and Bootstrap; integrated external AI endpoints and internal databases; utilized Markdown for rendering user-friendly output

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 interface for company's timesheet system

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