



BRIEF SUMMARY

Software Engineer with expertise in full-stack development, specializing in Next.js, React, Python, and Django. Experienced in integrating Generative AI into applications, optimizing performance, and building scalable web solutions. Skilled in API integrations, data handling, and enhancing user experience through intelligent automation.

KEY EXPERTISE

Python ReactJS Javascript Flask SQL Java LLM Integration

EDUCATION

MIT Academy of Engineering, Pune

B.Tech. - Information Technology | CGPA: 9.37 / 10

2020 - 2024

Government Polytechnic Ahmednagar, Ahmednagar

Diploma | Diploma - Computer Engineering | MSBTE | Percentage: 94.69 / 100

2021

Dr. N. J. Paulbudhe M. V., Ahmednagar

10th | MSBSHSE | Percentage: 89.40 / 100

2018

PROFESSIONAL EXPERIENCE

Ignite Solutions | IT Product & Services

01 Jul, 2024 - Present

Software Engineer

Key Skills: ReactJS Javascript HTML/CSS Python Flask AWS NextJS

AI Chatbot for querying internal teamwork details (Customer Confidential)

Designed and implemented a chatbot from the ground up using React and Bootstrap.

Integrated external AI endpoints and internal databases to retrieve and format responses.

Utilized Markdown for rendering user-friendly output.

Chaturji - AI-Based Companion and Web Application.

Built and improved the Chaturji browser extension and PWA interface, focusing on feature(s) like real-time chat, knowledge base, or payment flow.

Optimized routing for workspace screens, resulting in a 55% reduction in load time.

Adhered to web vital standards to ensure a fast and responsive user experience.

Pathology Web Platform (Customer Confidential)

Developed the UI for a large-scale digital pathology platform using Next.js and React, improving accessibility and usability for medical professionals and researchers.

Designed a responsive, modern interface to display thousands of high-resolution pathology slides efficiently.

Implemented server-side rendering and optimized data fetching to enhance performance and reduce load times.

INTERNSHIPS

Ignite Solutions | IT Product & Services

02 Jan, 2024 - 30 Jun, 2024

Software Engineer Intern

Key Skills: Django Django-Rest-Framework MySQL LLM ReactJS

Backend Development: Managed the backend of the "Onboarding Automation" application using Django, DRF, and MySQL.

LLMs Integration: Developed Python scripts to interface with GPT-4 and Gemini 1.5 via APIs, setting up and managing endpoints for seamless integration with existing systems.

PixelStat eSolutions Development Pvt Ltd

01 Jun, 2022 - 31 Oct, 2022

Full Stack Intern

Key Skills: Python Flask Pandas SQLite Bootstrap Javascript

Bug Fixing: Fixed bugs of previously developed projects "Daily Wage Worker Management System".

Web Development: Crafted a web app for "AKHIL BHARATIYA MARATHI CHITRAPAT MAHAMANDAL," improving data management

and reporting with Flask, SQL, and JavaScript.

PROJECTS

FaceVibes: A Facial Emotion Recognition System

06 Mar, 2023 - 13 Apr, 2023

Team Size: 2

Key Skills: Machine Learning OpenCV Keras Python Streamlit

Model Development: Created the FaceVibes system using VGG16 for intuitive computer interactions.
Accuracy Improvement: Improved emotion recognition accuracy by comparing methods (CNN, VGG16, LSTM, MobileNetV2).

Daily Wage Worker Management System

13 Jan, 2022 - 25 Jun, 2022

Mentor: Rudragouda Patil | Team Size: 4

Key Skills: Django MySQL Bootstrap Javascript HTML CSS Python

System Design: Developed a streamlined system for managing daily-wage workers with Django, MySQL, JavaScript, and Bootstrap.
Functionality: Implemented user administration, departmental organization, and attendance tracking.

ASSESSMENTS / CERTIFICATIONS

Full Stack Web Development with React JS, Angular and NodeJs

Azure Fundamentals

Programming in C

Networking Essentials

Front-end Development

Persistent Martian - Summer Internship Program

PERSONAL INTERESTS / HOBBIES

- Travelling
- Trekking
- Video Games

WEB LINKS

- Personal - <https://prajval-fsd-portfolio.netlify.app/>
- Github - <https://github.com/paju3125>
- Other - <https://leetcode.com/prajval31/>

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Kawade Nagar Lane 1, Pimple Gurav, Pune, Pimpri-Chinchwad, Maharashtra, India - 411061

Emails: prajval.gandhi@mitaoe.ac.in , prajvalgandhi483@gmail.com

Date of Birth: 31 May, 2002

Known Languages: English, Hindi, Marathi

Permanent Address: A/P Karanji, Tal. Pathardi, Dist. Ahmednagar, Karanji, Maharashtra, India - 414106

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