

Pranav Sunil

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About

Passionate and driven developer with strong skills in Python and JavaScript, specializing in AI/ML, data analytics, and full-stack development. I enjoy building innovative, data-driven applications and continuously seek opportunities to learn and solve real-world problems. With a solid foundation in computer science and a collaborative mindset, I aim to create impactful, user-friendly solutions at the intersection of machine learning and modern web technologies.

- Github: [PyPranav \(Pranav Sunil\) | Github](#)
- LinkedIn: [PyPranav | LinkedIn](#)
- Portfolio: <https://www.pypranav.com>

Skills

JavaScript, Python, TypeScript, Machine Learning, SQL, PostgreSQL, MongoDB, Data Science, Data Analytics, Automation, ReactJS, NextJS, Node.js, Express.js, Django, Flask, Problem-Solving, Leadership Experience, Management

Experience

PenPixel LLP | Mumbai, Maharashtra

AI/ML Intern | 06/2024 - Present

During my internship as an AIML intern, I gained extensive experience in training various machine learning models and working with large language models (LLMs). I had the opportunity to work with advanced tools such as YOLO, PyTorch, and TensorFlow, which allowed me to deepen my understanding of AI and machine learning frameworks. My role also involved optimizing model performance and integrating AI solutions into practical applications, further honing my skills in applying AI technologies to solve real-world challenges.

Daynt | Mumbai, Maharashtra

Junior Software Engineer | 12/2022 - 10/2023

As a junior software developer with a versatile skillset, I have actively contributed to the development of full-stack applications using cutting-edge technologies such as Next.js and Express.js. On the frontend, I leveraged Next.js, a powerful React framework, to build dynamic and responsive user interfaces. My expertise in modern JavaScript and TypeScript enabled me to craft efficient and maintainable code, ensuring a seamless user experience across various devices and platforms.

Volunteering

Student Council | Mumbai, Maharashtra

Technical Secretary | 09/2023 - 05/2024

As the technical secretary of the student council, I played a pivotal role in organizing and managing a diverse array of events, both technical and non-technical. With a strong aptitude for logistics and attention to detail, I seamlessly coordinated the planning and execution of these events, ensuring their successful delivery.

Alegria-2024 | Mumbai, Maharashtra

Technical Head | 12/2023 - 03/2024

As the technical head of Alegria, the annual college fest, I organized various technical workshops and events. I oversaw the development of a dynamic website using Next.js and Flask backend, along with a user-friendly Flutter mobile app. Through meticulous planning and coordination, I facilitated engaging technical sessions, fostering a learning environment and showcasing the college's technological expertise.

Google Developer Student Club | Mumbai, Maharashtra

Technical Team Member | 09/2022 - 10/2023

As a Technical Team Member at GDSC, I contributed to developing and implementing technical solutions, collaborating with a team on projects involving web and app development. I also gained experience in problem-solving, coding, and utilizing modern technologies to create impactful solutions. My role involved actively participating in coding sessions, troubleshooting issues, and ensuring the smooth execution of technical tasks within the team.

Education

Pillai College of Engineering | Navi Mumbai, Maharashtra
B.TECH (Computer) | CGPA:9.1 | 05/2025

New Horizon Public School | Navi Mumbai, Maharashtra
12th Std – CBSE 93.6% | 03/2020

New Horizon Public School | Navi Mumbai, Maharashtra
10th Std - CBSE | 05/2019

Projects

1) [Portfolio | Next.js, Flask](#)

- A dynamic portfolio website designed to mimic the macOS interface, where each app icon represents a unique section of the portfolio.
- Seamless navigation through interactive desktop-style apps provides an intuitive and engaging user experience.
- Built with Next.js for a smooth, responsive frontend and Flask powering the backend API for efficient data handling.
- An innovative and creative showcase that blends familiar OS design with modern web technologies to highlight skills and projects uniquely.

2) [Xeno | React Native, Flask \(Team\)](#)

- Computer vision app for visually impaired navigation assistance
- Real-time obstacle detection and depth estimation for safe path guidance
- Integrated with OpenServiceNetwork API for comprehensive route information
- Innovative solution leveraging cutting-edge technology for enhanced independence and safety

3) [Envision | JavaScript, Django](#)

- Interactive data structure visualization web app with JavaScript front-end
- Django back-end for robust server logic and functionality
- Step-by-step animations and explanations covering fundamental data structures
- User-friendly educational platform for understanding complex concepts

4) [GPT X Google | JavaScript](#)

- Browser extension that enhances Google Search with ChatGPT's capabilities
- Leverages the powerful OpenAI API to generate relevant responses
- Seamlessly injects ChatGPT's responses alongside Google Search results
- Provides additional context, explanations, and insights related to the search query

Achievements

- National Hackathon Award Winner - Developed Assistive Mobile App for the Blind (Hackoverflow 2024)
- Reached Final round of National level hackathon Impairathon
- Coder of the Semester - Semester 2
- Hosted Workshops:
 - Python Automation
 - Web Development with JavaScript
 - DSA & CP
- Participated in National Hackathons: SIH 2023 (Legal Case Digitalization), Kavach 2023 (Police Deployment Monitoring), Hackoverflow 2023 (Mental Healthcare using AI).

Publication

"NaiRA: Virtual Voice Assistant for Windows", TIJER - TIJER - INTERNATIONAL RESEARCH JOURNAL (www.TIJER.org), ISSN:2349-9249, Vol.11, Issue 5, page no.b483-b488, May-2024, Available :<https://tijer.org/TIJER/papers/TIJER2405192.pdf>