

Nirmit Pratap Singh

+91 9140692097 • balaji.nirmit1@gmail.com • balaji-Nirmit
in nirmit-pratap-singh-193942251

Professional Summary

Software Developer proficient in Python, Java, and Angular, with hands-on experience in building responsive web applications and optimizing performance. Passionate about delivering scalable solutions in Agile environments and contributing to team success through strong problem-solving and communication skills.

Education

V.I.T Bhopal University <i>Bachelors of Technology in Computer Science and Engineering</i> GPA: 9.20/10	Bhopal, India 2022–Present
Bhavan's Kesari Devi Kanoria Vidya Mandir <i>Senior Secondary (CBSE Board)</i> Score: 95.8%	Renukoot, India 2019–2022
Bhavan's Kesari Devi Kanoria Vidya Mandir <i>Secondary (CBSE Board)</i> Score: 97% Top 0.1% Certificate holder in Science (CBSE Board)	Renukoot, India 2018–2020

Professional Experience

Fusionstak LLC <i>Intern</i> <ul style="list-style-type: none">Collaborated on a live deployed project managing judicial cases of clients.Enhanced user experience using Angular 18 and Material UI, resulting in 25% improvement in load times.Implemented responsive design with Tailwind CSS for consistent UI/UX.Collaborated in Agile environment, participating in daily stand-ups and sprint planning using Jira for tracking tasks.Collaborated with a team of 5 using BitBucket for version control.	Pune, India Sep 2024–Dec 2024
Hack2Skill Hackathon <i>Developer</i> <ul style="list-style-type: none">Led the development of KSP Portal, a real-time emergency response application for Karnataka Police.Utilized Python, JavaScript, and Chart.js for data visualization.Reduced response time by 15% using location-based services.Recognized as a top 10 project, reaching the Pre-Final round.	Feb 2024–June 2024

Projects

WikiSaransh AI <i>Python(Flask and BeautifulSoup), HTML, Tailwind CSS, Vanilla JS, ChatGPT API</i> <ul style="list-style-type: none">Wikipedia page summarizer using ChatGPT API, Flask, and BeautifulSoup that condenses wiki pages.Improved content comprehension by 25%.Implemented multiprocessing techniques and multithreading for faster result by 20%.
Anupam Chitra Editor <i>Python(CustomTkinter), Numpy</i> <ul style="list-style-type: none">Python-based image editing software using CustomTkinter.Integrated image filter from scratch using numpy and pillow reducing filter latency by 3.5%.

108 Dropsy

Python(CustomTkinter), Google Sheets API

- Drop servicing business management tool using Google Sheets API.
- Google Cloud APIs for collaborative working.
- Increased tool adoption by 40%.

Dot Chain

Python(Flask and Beautiful Soup), SQLite3, Vanilla JS Vanilla

- Blog-writing web app using Flask, SQLite3, and Vanilla JS.
- Improved load speed by 25%.

Parkinson Analyzer

Python(Scikit Learn and Matplotlib)

- Multimodal Parkinson's disease diagnosis platform.
- Predicts the disease using patients' voice data, spiral and wave patterns machine learning algorithms.
- Achieved an accuracy of 98% using CNN and RNN

Trop8

Python(Django RESTFUL Framework), React JS, Tailwind CSS, Chakra UI

- Social media dating platform using Django REST Framework, React JS, Tailwind CSS, and Chakra UI.
- Implemented JWT authentication and optimized search functionality by 30% using Bloom Filter.
- Leveraged Framer motion libraries for interactive loaders.
- Integrated Apache Kafka for real-time event-driven architecture, optimizing data streaming by 30%.

Skills

Programming: Python, JavaScript, Java, C++ (Intermediate), SQL, HTML/CSS, Angular 18

Frameworks: Django REST Framework, Flask, React JS, Learning MERN Stack

Tools: BitBucket, Jira, IntelliJ, PyCharm, Replit, Apache Kafka, AWS, CI/CD (Jenkins, Docker), ZooKeeper

Soft Skills: Agile Development, Troubleshooting, Researching, Communication Skills

Certifications

- NPTEL Cloud Computing Course (2024)
- The Bits and Bytes of Computer Networking (Google Coursera-2023)

Languages

English: Fluent

Hindi: Fluent

German: Beginner

Extra-Curricular Activities

NSS Club, V.I.T Bhopal University

NSS Member

Oct 2022–Mar 2023

- Coordinated events, including campus clean-up drives and blood donation campaigns.
- Showcased leadership and teamwork skills.