

JANHAVI MAKARAND SONAR

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CAREER OBJECTIVE

Aspiring Software Developer with hands-on experience in **full-stack development, machine learning, and IoT projects**. Eager to contribute to **innovative solutions** in a **collaborative environment** while continuously growing as a **problem solver** and developer. Motivated to work on impactful technologies that improve **user experience** and solve **real-world challenges**.

EDUCATION

MVP's Karmaveer Adv. Baburao Ganapatrao Thakare College of Engineering, Nashik (SPPU)	(August 2022 – Present)
B.E. Computer Engineering (pursuing)	
CGPA: TE – 9.21 SE – 9.39 FE – 9.27 Aggregate - 9.29	
HPT Arts and RYK Science Junior College, Nashik HSC – 81.50% CET Percentile – 94.40	(March 2022)
Shriram Vidyalaya, Nashik SSC – 94.00%	(March 2020)

TECHNICAL SKILLS

- Languages - C++, Python
- Web Development – HTML, CSS, JavaScript, MERN Stack
- Database – MySQL
- Concepts – Data Structures, Computer Networks
- Tools - GitHub, VS Code, Postman

SOFT SKILLS

- ✓ Decision Making
- ✓ Teamwork
- ✓ Time Management
- ✓ Adaptability

INTERNSHIPS

1. Full Stack Web Development with MERN Edunet Foundation	(Feb 2025 – Mar 2025)
• Gained industry experience in full-stack development using MongoDB, Express.js, React.js, and Node.js	
• Worked on real-world applications, focusing on secure authentication, database handling, and UI responsiveness.	
2. Green Skills using AI technologies Edunet Foundation	(Jan 2025 – Feb 2025)
• Learned AI-driven predictive modeling for solar power output generation.	
• Gained experience in data preprocessing, feature engineering, and model optimization using Python, NumPy, Pandas, Matplotlib, and Scikit-learn.	
3. Machine Learning Intern Anita Software Consultancy	(Jan 2025 – Feb 2025)
• Contributed to data preprocessing, model evaluation and front-end deployment of a Diabetes Prediction System under mentorship. Coordinated with backend team and documented model workflow.	
4. Web Development Intern InternPe	(May 2024 – June 2024)
• Developed responsive web projects using HTML, CSS, and JavaScript.	
• Gained hands-on experience in frontend development and UI design.	

PROJECTS

1. Personal Finance Management App (MERN Stack)	(Feb 2025 – Mar 2025)
• Developed a full-stack financial tracker using MongoDB, Express.js, React.js, and Node.js.	
• Implemented expense tracking, user authentication and interactive analytics dashboard.	
2. Diabetes Prediction System Python, Random Forest, Flask	(Jan 2025 – Feb 2025)
• Developed a machine learning model using Random Forest to predict diabetes likelihood.	
• Built a Flask-based web UI to enable user-friendly input and result visualization.	
3. Smart Agriculture System	(Mar 2024 – Apr 2024)
• Built an IoT-powered automated irrigation system using NodeMCU-ESP8266 & moisture sensor.	
• Reduced manual water management by 60% through real-time monitoring & automation.	
• Developed a mobile-friendly dashboard for farmers to remotely control irrigation.	
4. CamTap – A Virtual Keyboard	(Feb 2023 – Mar 2023)
• Developed a gesture-controlled virtual keyboard using Python, OpenCV and Mediapipe.	
• Enabled hand-tracking-based text input, enhancing accessibility for users.	

CERTIFICATIONS

- Introduction to Python–Infosys
- Python for Data Science - NPTEL - 79%
- AICTE Edunet Foundation MERN Stack Training
- Programming in C++ – SimpliLearn
- C Programming

ACHIEVEMENTS

- 1st Prize – Pre-Qualifier Round, SIH-2024
- Reached Zonal Level in Avishkar 2025 Research Project Competition (SPPU)
- Qualified Round-2 in ELICIT Career Carnival
- Participated in various inter-college project competitions

INTERESTS

Coding | Travelling | Cycling | Electrical Work