

Suraj Gharde

Pune, Maharashtra | 9529693531 | gharadesuraj@gmail.com
[LinkedIn](#) | [GitHub](#)

EDUCATION

AISSMS Institute of Information Technology, Pune B.Tech. in Information Technology	Aug 2023 – Aug 2027 8.15 CGPA (Ongoing)
Edunxt International School and Junior College, Mandhal 12th (HSC Board)	Jul 2021 – Mar 2023 63.83%
Shri Rukhadashram Vidyalaya, Kuhi 10th (SSC Board)	Jul 2020 – Mar 2021 81.40%

SKILLS

Languages: Python, SQL, JavaScript, TypeScript, C++, C
Frontend: React.js, HTML, CSS, Tailwind CSS, Bootstrap
Backend: FastAPI, Node.js, Express.js, REST APIs
Databases: PostgreSQL, MongoDB, MySQL, ChromaDB, Redis
Data & AI/ML: Pandas, Scikit-learn, XGBoost, SHAP, LangChain, RAG, FinBERT, NetworkX
Tools: Git, GitHub, VS Code
Core: DSA, DBMS, OOP, OS, Computer Networks, Problem-Solving

WORK EXPERIENCE

Full Stack Developer Intern – InnovExc Tech Solutions Pvt. Ltd., Pune - Developed responsive React.js interfaces and RESTful APIs (Node.js, Express.js) for data-driven features, working end-to-end through database operations and deployment. - Automated repetitive application processes, streamlining workflows and improving operational efficiency. - Validated builds against functional and edge-case scenarios, catching defects before production releases.	Jan 2026 – Jun 2026
Freelance Web Developer – 3 Client Websites Aniket Tours & Travels – Fleet & Tour Booking Launched an SEO-optimized site with tour packages and customer inquiries.	anikettoursandtravels.in
NextGen Digital Hub – Printing & Online Services Delivered online print ordering, price estimates and a counter print queue.	nextgendigitalhub.co.in
Goodwill Education – Coaching Institute Built an event-management module and student/parent query handling.	goodwilleducation.in

PROJECTS

CreditIQ AI – AI-Powered Credit Risk & Fraud Detection System <i>Python, FastAPI, React.js, XGBoost, NetworkX, Cohere LLM</i> - Engineered a credit-appraisal pipeline for MSME loans with hybrid OCR (Tesseract + AWS Textract) that extracts 14 financial line items and flags GST mismatches. - Modeled default risk using XGBoost with SHAP explanations and traced circular trading via graph analysis, feeding an early-warning dashboard and LLM-generated Credit Appraisal Memo PDFs.	GitHub
JalNetra – Satellite-Based Water Quality Monitoring Platform <i>Python, FastAPI, React.js, PostgreSQL, Google Earth Engine</i> - Reduced data per satellite pass from 13 GB to 7 MB with a Celery and Earth Engine pipeline analyzing Sentinel-2 imagery for 30 water bodies in Maharashtra. - Generated 75 alerts from 2.5 years of data using ML anomaly detection (DBSCAN, Isolation Forest, seasonal baselines) and explainable scoring, surfaced through a map dashboard and a GPT-powered Telegram bot.	GitHub
WariVerse – Multilingual AI Assistant for Pandharpur Wari Pilgrims <i>React Native (Expo), TypeScript, FastAPI, PostgreSQL, Redis, OpenAI GPT-4o</i> - Designed a 3-language (Marathi, Hindi, English) assistant that answers by chat, voice and an in-app IVR phone line. - Integrated GPT-4o function calling across 8 tools (crowd forecast, routing, facilities, SOS, lost and found) alongside Deepgram speech-to-text, Marathi text-to-speech and a Leaflet crowd map; SOS requires human confirmation.	GitHub

ACHIEVEMENTS & ACTIVITIES

- Winner – HackRoynx 2.0, SVPCET, Nagpur:** Ranked first among 500+ registered teams.
- Winner – Hack the Hardware, SCET, Nagpur:** Secured the top spot in a hardware-focused hackathon.
- First Runner-Up – Varithon 2026, MMCOE, Pune:** Placed second in a 24-hour offline hackathon.
- Technical Volunteer – Philants NGO:** Supported community and social initiatives.