Nimish Selot

 +91-7693017990   ✉ nimishselot@gmail.com   in linkedin.com/in/nimish-selot   ○ github.com/nimish1402   Portfolio

Education

Vellore Institute of Technology, Bhopal — **Oct 2022–Jun 2026**
Bachelor of Technology in Computer Science and Engineering — *GPA: 8.99/10.0*
- Relevant Coursework: Operating Systems, Computer Architecture, Data Structures, Parallel Computing, Advanced C++

Vatsalya Public School, Sagar — **Apr 2021–Jun 2022**
All India Senior School Certificate Examination (AISSCE) — *Score: 90%*

Experience

Automation Intern — *January 2025 – June 2025*
Crowd Wisdom Trading, Israel (Remote)
- Deployed 10+ production-grade Agentic AI systems for document intelligence and financial forecasting, achieving 85% precision, 75% faster runtime, and 50% reduction in manual work.
- Automated CRM with autonomous AI agents orchestrating n8n workflows, driving 30% higher operational efficiency and 20% faster customer response with 90% uptime.
- Streamlined Agent deployment via Azure DevOps CI/CD pipelines, automating container provisioning to reduce deployment time by 40% while ensuring high availability

Projects

CodePulse - Developer Collaboration Platform *(Next.Js, FastAPI, PostgreSQL+Prisma, Docker)* *Link*
- Architected an AI-powered microservice platform with Next.js frontend and FastAPI backend, integrating Gemini-2.0-flash and AssemblyAI to automate code documentation and semantic search, boosting developer collaboration efficiency.
- Automated GitHub repo analysis and meeting transcription using Weaviate vector embeddings, and LangChain, producing structured docs, contextual Q&A, and searchable insights that cut onboarding time by 30%.
- Designed and deployed Dockerized backend services with Prisma-managed PostgreSQL and Clerk authentication, enabling secure multi-user workflows for seamless real-time project management.

Vocalis- AI-Powered Interview Platform *(Next.js, TypeScript, Firebase, PostgreSQL)* *Link*
- Developed intelligent interview analysis system using VAPI.ai for voice processing and Google Gemini for natural language understanding, reducing recruiter screening time by 40% through automated candidate evaluation.
- Implemented low-latency transcription pipeline using Whisper API with sentiment analysis, supporting 10+ concurrent sessions with less than 10-second AI feedback response time.
- Created bias detection algorithms using NLP techniques, identifying and flagging 30% more subjective evaluation criteria compared to manual reviews, enhancing interview fairness.

Publications

Comparative Analysis of Convolutional Neural Network and Support Vector Machine for the Prediction of Alzheimer's Disease - DOI: 10.1007/978-3-031-89760-3_5 — May 2025

Nimish Selot, Aayush Panwar, Siddhart S Chouhan

Technical Skills

- **Programming Languages:** C++, Python, JavaScript
- **Data Engineering & Databases:** PostgreSQL, MongoDB, ETL Pipelines, RestAPIs
- **DevOps & Version Control:** Git, AWS, Docker, CI/CD
- **Web Development:** React.js, Next.js, Node.js, Flask, Django
- **Data Visualization:** PowerBI, Tableau, Matplotlib

Leadership and Achievements

- **Research Team Lead:** Alzheimer's Prediction Project – Guided development of CNN/SVM models for early disease diagnosis.
- **Design Team Lead**, Open Source Club (VIT Bhopal) – Led a 10-member team to design UI/UX for 5+ open-source projects.
- IBM Certified in **DevOps and Agile Methodologies** – Gained practical knowledge of CI/CD and Agile development practices.
- Oracle certified **Oracle Cloud Infrastructure** Foundations Associate and Generative AI Professional
- Top 5% scorer in **NPTEL Cloud Computing** (IIT Kharagpur)– Demonstrated proficiency in Cloud Architecture, Service Manage ment, Networking, Security, and Scalable Resource Management.