Nimish Selot

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Education

Vellore Institute of Technology, Bhopal   **Oct 2022–Jun 2026**
Bachelor of Technology in Computer Science and Engineering   *GPA: 8.93/10.0*
- ○ Relevant Coursework: Data Structures, Algorithms, Database Systems, Computer Networks

Vatsalya Public School, Sagar   **Apr 2021–Jun 2022**
All India Senior School Certificate Examination (AISSCE)   *Score: 90%*
- ○ Stream: Science (Computer Science, Mathematics, Physics, Chemistry)

Experience

Automation Intern   *January 2025 – June 2025*
Crowd Wisdom Trading, Israel (Remote)
- ○ Built 5+ AI agents for email classification (90% accuracy), document extraction (85% precision), and US stock performance analysis (LSTM models), reducing manual processing by 50% via automated alerts.
- ○ Orchestrated 20+ business workflows in n8n (CRM, invoices, AI-driven stock trades), slashing job runtime from 10mins to 2.5mins and human input by 60%.
- ○ Containerized pipelines (Docker + Kubernetes) for zero-downtime deployment of n8n image, slashing onboarding and maintenance time by 40% via standardized environments.

Projects

Eco-Vault *(ReactJs, Node, Stripe, Clerk API, PostgreSQL, AWS)*   *Link* ↗
- ○ Developed a sustainable marketplace where users buy/sell used goods, reducing e-waste by 30% via AI-moderated listings.
- ○ Implemented real-time image processing using OpenCV, Integrated Google Gemini to analyze product images, auto-rejecting 85%+ of fraudulent listings (score greater than 80/100).
- ○ Integrated escrow payments (Stripe) & real-time chat (WebSockets), enabling 2,500+ secure transactions/month in beta.
- ○ Deployed scalable backend (AWS EC2, Docker) handling 1,000+ daily API calls with consistent under 1-second latency.

Vocalis *(Next.js, TypeScript, Firebase, VAPI.ai, Gemini API, AWS, PostgreSQL)*   *Link* ↗
- ○ Built an AI-driven interview platform using VAPI.ai for realistic voice conversations and Gemini for response analysis, reducing recruiter screening time by 40%.
- ○ Added real-time transcription (Whisper API) and sentiment scoring, generating candidate reports with 85% accuracy vs manual reviews.
- ○ Supports 100+ concurrent interviews with less than 10 seconds latency for AI feedback.
- ○ Detected biases (Gemini NLP), flagging 30% fewer subjective terms than manual reviews.

Publications

Comparative Analysis of Convolutional Neural Network and Support Vector Machine for the Prediction of Alzheimer's Disease   May 2025

Nimish Selot, Aayush Panwar, Siddhart S Chouhan

DOI: 10.1007/978-3-031-89760-3_5 ↗

Technical Skills

- ○ **Programming Languages:** C++, Python, Java, JavaScript
- ○ **Web Technologies:** ReactJs, Next.Js, NodeJs, Springboot, Flask
- ○ **Database Systems:** PostgreSQL, MongoDB
- ○ **DevOps & Version Control:** Docker, Kubernetes, AWS, MLFow

Certifications

- ○ **NPTEL(IIT-Kharagpur):** Cloud Computing
- ○ **IBM:** Devops and Agile Methodologies

Extra-Curriculars

- ○ **Design Team Lead (Open Source Club, VIT Bhopal)**: Directed a 10-member team in designing UI/UX assets for 5+ projects, enhancing usability and collaboration.
- ○ **Research Team Lead:** Led a team to Develop CNN/SVM models for Alzheimer's prediction.