

Neeraj Mirashi

Computer Science Engineer (AI/ML)

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Experience

- ❖ **Software Engineer | Evolotek Solutions Pvt Ltd, Mumbai** Oct 2025 – Present
- Created multi-agent AI workflows for automated LinkedIn post - **n8n, MCP Server.**
 - Built AI web-scraping workflows for data and image collection of 1 lakh products - **Brave Search.**
 - Wrote Python scripts to manipulate large CSV datasets. - **Pandas, NumPy**
- ❖ **Software Engineer | Arthavedh Consulting Pvt Ltd, Pune** Oct 2024 – Sept 2025
- Created end-to-end data flow pipelines, improving data processing efficiency by 30% - **Apache NiFi.**
 - Generated 2 million financial transaction messages and analyzed data points - **Synthetic data generation, FE, EDA.**
 - Built a context-aware chatbot that uses **RAG** for smarter automated responses. - **n8n, Vector database.**
 - Developed LLM-based AI agents to automate tasks, improving operational efficiency. - **LangChain, MCP Server.**
- ❖ **Software Engineer Intern | Arthavedh Consulting Pvt Ltd, Pune** March 2024 – Sept 2024
- Fine-tuned LLM for banking message conversion, achieving 97% accuracy - **LoRA and QLoRA, Llama 3, GPT.**
 - Trained ML algorithms for classification and forecasting, achieving 82% accuracy - **SARIMA, Prophet, RF.**
 - Built backend services for a web application - **Flask, Backend API development.**

Skills

- Python, SQL, PL/SQL, OOP, Apache NiFi, n8n, Supabase, RAG, LangChain, LangGraph, Alembic, AWS (Basics), Docker, GitHub, Prompt Engineering.

Achievements

- ❖ Rising Star of the Year, Arthavedh Consulting Pvt Ltd 2025
- ❖ 1st Rank nationwide in e-Yantra Robotics Competition, IIT Bombay eYRC 2023-2024
- ❖ 3rd Rank nationwide in e-Yantra Robotics Competition, IIT Bombay eYRC 2022-2023
- ❖ 2nd Rank nationwide in TechFiesta hackathon, PICT Pune 2024

Projects

- ❖ **Geo Guide (eYRC 2023-2024) : ESP32 | Embedded C | CNN | Image Processing | GIS | Bot building ([Link](#))**
Engineered an **autonomous robot** for optimal pathfinding in simulated war zones using Dijkstra's algorithm, with wireless communication capabilities.
- ❖ **Swatchhta Bot (eYRC 2022-2023): FPGA | Verilog | Parallel Computing | Path Planning | Bot Building ([Link](#))**
Built an **autonomous waste-collecting robot** using Dijkstra's algorithm for optimal routing, with color-based waste detection, line-following navigation, and a custom pick-and-place arm.
- ❖ **Encipher : HTML5 | CSS | Javascript ([Link](#))**
A website that encodes and decodes the plain text securely.

Education

❖ Bachelor of Technology	D.K.T.E Society's Textile and Engineering Institute	Shivaji University	8.02 CGPA	2024
❖ H.S.C	Shri Balaji Madhyamik Vidyalaya and Junior College	Ichalkaranji	67.38 %	2019
❖ S.S.C	Alphonsa School	Yadrap	86 %	2017