ADITYA SURYAWANSHI

Bachelor of Technology Computer Science and Engineering (IoT, CSBT), VIIT, Pune   Address: Pune, Maharashtra

LinkedIn: **Aditya Suryawanshi** | Github: **adi4040** | Email: aditya.22420204@viit.ac.in | Portfolio: **Portfolio**

EDUCATION

- Primary and Secondary Education - 95.00, **St. Francis High School , Nashik**
- Diploma in Computer Technology - 92.97, **K.K. Wagh Polytechnic, Nashik**
  - Applied diverse computer technologies to develop dynamic web applications
  - Delivered projects with responsive designs and cross-browser compatibility
  - Participated in code reviews and learned industry best practices
- B.Tech in CSE (IoT, CSBT) - 9.05(Current CGPA), **Vishwakarma Institute of Information Technology, Pune**

EXPERIENCE

- **Red Hat Intern** @Arrow Technologies(Jun 2023 – Jul 2023)
  - AWS Cloud Computing, Linux Red Hat Administration
  - Improved the client-server performance using AWS and Red Hat Linux
  - Hosted a simulated website for training in Linux administration
- **Research Intern** @EVA2Z Electric
  - Market Analysis for EVA2Z for the proceeding of A2Z Connect.
  - Developing an MVP as an external integration for A2Z connect.

RESEARCH

Research on Brainwave-based Biometric Authentication System   **Completed**

- Analyzing the 10/12 channel standard system for EEG recordings.
- Trying to achieve the P300 wave stimuli from a single-channel electrodes setup for Biometric Authentication. (Which is never done before)
- Applying Machine Learning Pipelines for feature extraction and classification.
- Building a user-specific neural network.

EcoConnect- A passive income opportunity for vehicle owners   **Completed**

- Market Analysis of the EVA2Z competitors
- Feasibility Analysis before actual implementation of A2Z Connect.
- Suggested tech stack implementation of Eco-Connect (an external MVP to be integrated to A2Z Connect).

PROJECTS

Engine Health Prognostics Analysis

- Built ML pipeline for engine health prediction using NASA's dataset with 95% accuracy.

AI-powered Attendance Monitoring System

- Built a robust system for eliminating traditional ways of marking attendance using ResNet Models.

PATENTS

Smart Tracking & Recovery System using NFC and QR codes (Application in Progress)

- A digitalised system for your lost devices.
- The precious devices will be attached with NFC and QR codes.
- Community for devices on which no NFC or QR can be embedded.

SKILLS

- **Languages** - C++, Python, HTML, CSS, JavaScript, SQL, PHP
- **Frameworks** - ReactJS, NodeJS, ExpressJS, CustomTkinter
- **Tools and Platforms** - Git/GitHub, AWS
- **Databases and Feature Stores** - MySQL, MongoDB, InfluxDB, Feast

ACHIEVEMENTS

- **1st Place - Software Domain** @ Projectioum Leviosa Technical Symposium, JSPM Pune
- **2nd Runner Up (Solo Participation)** @ Agentic AI Hackathon, VIT Pune
- **Finalist** @ CONVENE 2K25, SKNCOE Pune

LANGUAGES

English:	Full professional proficiency.
Marathi and Hindi:	Native proficiency.
German:	Basic proficiency