Mr. Hanzala Sarguroh

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🎓 Education

Lokmanya Tilak College of Engineering, Navi Mumbai — 2022 – present
BE in Computer Engineering — 8.5 CGPA

Government Polytechnic Thane — 2019 – 2022
Diploma in Computer Engineering — 85.94%

💼 Internships

Radiantx Technologies — Apr 2025 – present
Full Stack Intern — Remote
- Built and optimized Angular components, integrating with Node.js and Sequelize APIs.
- Developed responsive, reusable UI elements and matched designs exactly to Figma mockups.
- Integrated Angular services with backend APIs for secure, real-time data flow.

Ignitech — Jul 2021 – Sep 2021
Artificial Intelligence and Machine Learning — Thane
- Built and optimized supervised and unsupervised ML models on real-world datasets.
- Applied data preprocessing, feature engineering, and model evaluation techniques.
- Worked with algorithms like Random Forest, SVM, and PCA to improve model performance.

⌨ Skills

Languages: JavaScript | TypeScript | Python | SQL

Technologies & Tools: Node.js | Angular | NgRx | Express.js | TensorFlow | Keras | Scikit-learn | CNN | XAI | SHAP | AI Agents | WebSockets | Tailwind CSS | Material UI | PrimeNG

Databases: Firebase | MySQL | MongoDB

📂 Projects

SwiftCart (eCommerce Web App)
Angular | Ngrx | Node.js | Express.js | MongoDB | TailwindCSS
- Developed a comprehensive eCommerce website featuring user authentication, shopping cart , checkout functionalities.
- Implemented robust state management using NgRx, ensuring efficient application state handling.
- Designed user-friendly, attractive UI using Tailwind CSS.

CounterFactual Data Augmentation using XAI
Python | CFA | SHAP | Scikit-learn | Pandas | NumPy | Matplotlib | Seaborn
- Developed Counterfactual Data Augmentation, boosting minority class by 40% and accuracy by ~20%.
- Used XAI (SHAP) to validate data, ensuring 95%+ alignment with real distributions.
- Optimized pipeline, reducing training bias by 40% and improving robustness.
- Enhanced decision boundaries, increasing model fairness and performance.

Gemino AI (Personal Assistant)
Chrome Extension using Chrome's Built-in AI API's
- Built GeminoAI, a Chrome extension using built-in AI APIs to boost browsing efficiency by 30%.
- Added chat, summarization (cut reading time by 35%), translation, and simplification (improved clarity by 33%).
- Integrated Chrome's Prompt, Summarize, Translation, and Rewrite APIs for seamless AI-driven features.

Task Flow (Task Tracker Web App)
Angular | Node.js | Express.js | Ngrx | TailwindCSS
- Developed TaskFlow, a full-stack task-tracking web app enabling users to manage tasks.
- Built a secure backend with Node.js and MySQL, supporting user authentication and data management.
- Utilized Angular and NgRx for efficient state management and seamless frontend interactions.
- Delivered a responsive, modern UI with a focus on user experience and productivity.

🏅 Certifications

- Trainee - Advance Course By SAP
- Programming with JavaScript
- Artificial Intelligence and Machine Learning
- Version Control
- Single Page Web Applications with Angular

🏠 Organizations

Internshala — Jun 2024 – present
Internshala Student Partner

Google Developers Student Club — Aug 2023 – present
App. Dev. Coordinator