Somanath Mikali

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PROJECTS

Front Flow - E-commerce API Platform   Visit Website | View in GitHub

- Built a **full-stack web application** that provides streamlined access to e-commerce product data through RESTful APIs
- **Reduced** application development time by **20%** through efficient API architecture and comprehensive documentation
- **Implemented** user authentication, data validation, and error handling using Node.js and MongoDB

Arogya Vahini - Disease prediction report   Visit Website | View in GitHub

- **Developed a machine learning-based** full-stack web application, "Arogya Vahini," for early detection of chronic diseases like stroke, diabetes, asthma, and heart disease.
- **Designed** a streamlined questionnaire and built a robust backend to process user inputs and provide accurate results.
- **Collaborated** with a team to deliver a proactive health management solution for early detection and intervention.

Hackathons Participations

Edu-Streamliners | Finalists   Visit Website | View in GitHub

- Developed a full-stack web application aimed at reducing administrative workload for teachers and headmasters
- Implemented key features including online/offline attendance tracking, marks management, student progress monitoring, and shareable progress reports for parents
- Created solution to allow educators to focus more on teaching by streamlining administrative tasks

EDUCATION

Bachelor of Engineering (B. E.) - *Information Science/Technology*   Nov 2022 - July 2026
Pre-final year | CGPA: 9.59
BMS College Of Engineering, Bangalore (India)

SKILLS

- Languages: Java, C, C++
- Technologies: Node.js, React.js, Flutter
- Databases: MongoDB, PostgreSQL
- Other: REST APIs, Backend Development, Machine Learning (Basics)