VIJAYAKUMAR N K

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ABOUT [Portfolio]

An enthusiastic and reliable IT professional with strong teamwork, leadership, and communication skills. Skilled in Java and web technologies, capable of working independently and thriving in dynamic environments.

INTERNSHIP

YBI FOUNDATION | Data Science and AIML Intern
December 2024 | Chennai (virtual), India

- Developed an interactive frontend to display AI/ML model outputs and built a Financial Market Analysis project using machine learning for trend and sentiment analysis

PROJECTS

NOTIFY- NOTES TAKING APPLICATION [live link]
| Developer

- Developed a MERN stack application with effortless CRUD operations for notes and schedules, and secure login/logout functionality for data protection.

BLUFY- SOCIAL MEDIA APPICATION [live link]
|Developer

- Developed Blufy, a MERN stack social media app with core user features, implementing JWT authentication and real-time data handling via MongoDB and Express APIs.

REAL TIME EEG-BASED PANIC ATTACK DETECTION [github link]
| Team Leader

- Acquired and processed EEG signals using BioAmp EXG Pill on Raspberry Pi, and trained a lightweight ML model for real-time panic detection with an integrated feedback mechanism.

CONVEYOR BELT FAULT DETECTION SYSTEM [github link]
| Team Leader

- Detects conveyor belt faults using computer vision and sensors, identifies damages and measures thickness, and provides a frontend web interface for real-time monitoring to reduce costs.

ACHIEVEMENTS

2024	pre-finalist	ICMICC'24, EEC
2024	finalist	Prof. KRS Innovation Challenge, MSEC
2023	finalist	Ventura, SSN
2023	finalist	Ease the Error 3.0, SVCE

EDUCATION

EASWARI ENGINEERING COLLEGE
B.E in Electronics and Communication
Expected May 2026 | CGPA: 8.97/10.0

SARASWATHI MATRIC HR SEC SCHOOL
Computer Science Top Scorer
Grad. May 2022 | Cum Per: 94.00

MY PROFILES

Github: //kravenvijay04
LinkedIn: //vijayakumar-nk
Leetcode: //vijaykumarnr04
(350+ problems)

COURSEWORK

- Problem Solving Through C Programming
- React and Angular Intermediate
- SQL for Data Analysis
- Java Programming
- Educational Leadership

SKILLS

Programming:

- Core Java
- C programming
- Basics of python

Tools and Technologies:

- **Web & Technologies**
  | HTML | CSS | React Js | Node JS
  | Express Js | Tailwind CSS
- **Data Base & Management**
  | SQL and MongoDB

RESPONSIBILITIES

- Co-organizer in NULL-Cyber Security Club
- IETEMember