VIKASINI M

LinkedIn | E-Mail | Erode | Fresher | Portfolio | LeetCode

TECHNICAL SUMMARY :

Entry-Level Software Developer with **hands-on experience** in **front-end development**, eager to learn full-stack development. Proficient in building **responsive web applications** and developing secure software, skilled in data structures, debugging, version control (**Git**), frameworks and collaborating with teams to deliver scalable solutions. Passionate about staying up-to-date with emerging technologies and implementing best coding practices to solve complex problems and build innovative software solutions.

EDUCATION :

B.E (Hons) – Electrical and Electronics Engineering | *2021 – Present* | CGPA - *9.14*
Velalar College of Engineering and Technology, Erode.

Higher Secondary Certificate (HSC) | *2020 - 2021* | Percentage - **88.9**
Bannari Amman Vidya Niketan Matric Hr. Sec. School, Erode.

Secondary School Certificate (SSLC) | *2018 - 2019* | Percentage - **87.8**
Bannari Amman Vidya Niketan Matric Hr. Sec. School, Erode.

PROJECTS :

- **IoT-based Voice Bot for Humanoid Robot**
  - Designed and developed a voice-controlled robot using **Python**, integrating natural language processing (NLP), machine learning (**ML**) algorithms and Agile methodologies.
- **Android Application for controlling IoT**
  - Developed and deployed an Android application to control IoT devices, integrating **APIs**, scripting, optimizing **UI/UX**, ensuring user data protection with secure authentication, encrypted data storage, JSON Web Tokens (**JWT**).
- **SafeGuard: Intelligent Earthing Alert System**
  - Implemented a smart embedded system using **C++**, **microcontrollers**, data communication protocols, ensuring timely alerts, enhanced safety, and real-time updates with **user-friendly interface**.

SKILLS :

- **Programming Languages:**
  - Java
  - JavaScript
  - Python - Beginner
- **Web Development:**
  - HTML & CSS
  - Reactjs - Beginner
- **Tools:**
  - Git
  - Excel
- **Database Management:**
  - SQL
- **Core Competencies:**
  - Object-Oriented Programming (OOPs) - Beginner

CERTIFICATIONS :

- Developer and Technology Job Simulation (Forage ~ Accenture, December 2024)
- Advanced Software Engineering Job Simulation (Forage ~ Walmart Global Tech, December 2024)
- The Joy of Computing Using Python (NPTEL, April 2024)
- Introduction to IoT (NPTEL, April 2024)
- Java Programming (Great Learning, May 2023)
- Power Python (Ludifu, July 2023)

ORGANIZATIONAL EXPERIENCE & TEAM COLLABORATION :

- NSS Senior Volunteer (2023 - Present) - Teamwork, Collaboration
- Executive member in EMERFLUX association (2022 - 2023) - Event Planning
- Active member of ROTATACT club (2021 - 2022) - Communication
- Class Representative (2021- Present) - Leadership

VISUAL DESIGN CONTRIBUTIONS :

- **Canva**: Designing visual content, posters, layouts, and graphic designs for projects and events.