

Diya John

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PROFILE

Computer Science Engineering undergraduate with hands-on experience in software development, algorithm design, and database management. Known for writing clean, efficient code and contributing to collaborative projects using tools like Git, VS Code, and Agile methodologies. Proactive learner with internship experience and a strong commitment to continuous improvement and innovation.

EDUCATION

Mangalore Institute of Technology and Engineering

Bachelor of Engineering in Computer Science and Engineering

2022 – 2026

Current **CGPA : 9.1**

SKILLS

Technical: Web Development, RESTful Services, BlockChain, UI/UX.

Languages: Java, Python, JavaScript, C, Node JS.

Interface: HTML, CSS, React

Tools: MYSQL, Solid Edge, Adobe Photoshop, Adobe Illustrator, Postman, GitHub.

CERTIFICATIONS

- Internet Of Things 201, Infosys Springboard, 2022
- Practical HTML and CSS, Infosys Springboard, 2022
- HTML Web Development and Crash Course, Infosys Springboard, 2022
- RPA Developer Foundation (v2021.10), 2024
- Complete Web Development Course, Udemy 2025.

EXPERIENCE

Future Interns

Full Stack Web Developer

13th July 2025 – Present

- Building a Personal Professional Portfolio using HTML, CSS, NodeJs and MySQL.
- Developed a Mini-E-Commerce Storefront
- Used technologies like Strapi/Firebase and Modernesed UI/UX inspired by latest trends

PROJECTS

OEM Vulnerability Monitoring Tool | Group of 6

December 2024

Technologies: Python, Selenium, React, CSS.

A Web Scraping Tool designed to continuously monitor and report critical vulnerabilities for OEM equipment. A project made for the Smart India Hackathon (Software Edition) Final held in IIT Kharagpur in 2024.

Personal Professional Portfolio

July 2025

Technologies : HTML, CSS, JavaScript, NodeJs, MySQL

Developed a portfolio with an interactive resume and portfolio section, contact form with email notifications and SEO Optimization

Ecommerce Mobile Application

July 2025

Technologies : React.js, useContext, MongoDB

The project involved creation of an Ecommerce mobile application, wherein the front end was developed using React. Worked primarily on the backend development using NodeJs, MongoDB to provide RESTful API.

Anomaly Detection with Isolation Forest

January 2025

Technologies : Python

Building an anomaly detection model using the Isolation Forest algorithm. The model helps identify outliers in a given dataset.

ACHIEVEMENTS

Smart India Hackathon 2024 – Finalist

Selected among top teams nationally to develop a tool to identify and report critical vulnerabilities on Original Equipment Manufacturer (OEM) Websites.

- Designed and implemented a OEM Vulnerability Tracking Platform.
- Collaborated in a team of 6 to solve the problem within 36 hours, presenting a functional prototype to industry and government evaluators.
- Recognized for innovation, technical execution, and teamwork.

DevelopHer Hackathon – 2nd Place Winner

- Secured 2nd place in a women-only hackathon hosted at Mangalore Institute of Technology and Engineering.

Ranked 2nd in First Year of B.E

- CGPA: 9.6