Deepu Issac Gigi

Masters Student in IoT and Smart Systems

deepuissacgigi@gmail.com
https://www.linkedin.com/in/deepuissacgigi/
https://deepuissacgigi-web.vercel.app/
+4915510437615
Halle, Saxony Anhalt, 06132, Germany

Driven MSc student with a passion for excellence and continuous development. Eager to contribute to a forward-thinking organization by delivering exceptional customer experiences, maintaining high professional standards, and adding value through dedication, adaptability, and strong work ethic.

Work Experience

SENIOR UI/UX ENGINEER / FRONTEND ENGINEER   Jun 2021 - Jul 2023
CAVLI WIRELESS | Kochi, India

- Designed, developed, and maintained the company's official website, ensuring high performance, responsiveness, and user-friendly interfaces.
- Enhanced SEO strategies, resulting in improved search visibility and organic traffic.
- Created interactive, user-centric landing pages for multiple company products, increasing user interaction and conversion rates.
- Ensured modern UI/UX standards, accessibility, and mobile responsiveness across all web platforms.

UI DEVELOPER   Nov 2019 - May 2021
DOTWIBE | Kochi, India

- Developed responsive and cross-browser compatible user interfaces, ensuring a consistent and seamless experience across all devices and platforms.
- Designed and implemented scalable front-end architecture, improving overall website performance and maintainability.
- Mentored and trained college interns in HTML and CSS, supporting their practical learning and development in front-end technologies.

Academic Career

Master of Science in Internet of Things and Smart   Aug 2023 - Present
WESTSÄCHSISCHE HOCHSCHULE ZWICKAU |*Saxony, Germany*
- **Relevant Coursework:** Artificial Intelligence, IoT Project, Large Scale Data Processing, Mobile Applications, Information Systems, Project Management, Human-Computer Interaction and its Application to IoT, Compensation Programming, Advanced Topics, Interdisciplinary Project, Sensor Integration & Data Visualization, Internet of Things (IoT) Architecture

Bachelors in Computer Science and Engineering   Jun 2015 - Jan 2019

LOYOLA INSTITUTE OF TECHNOLOGY AND SCIENCE | *Nagercoil, India*

- **Relevant Coursework**: Programming and Data Structures, Artificial Intelligence, Database Management Systems, Operating Systems, Design and Analysis of Algorithms, Software Testing, Cryptography and Network Security

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Projects

IoT-Based Plant Monitoring System

- Built a Python and ESP8266 based environment monitor; integrated with Telegram and Blynk
- Created real-time logging scripts and automated response logic for irrigation thresholds

Autonomous Driving – Path Tracking Using Pure Pursuit

- Modeled feedback driven control systems in MATLAB. tested scenarios with sensor curvature variation

- Logged test outcomes in structured Excel based reports

Build an Android App demo for Smart Homes Using AI

- Designed and developed a prototype Android application demonstrating AI
- enabled smart home automation.
- Implemented connected system concepts, intelligent device control, real time monitoring dashboards, and user centric UI to simulate modern IoT - based smart living environments.

Core Skills

Programming & Automations: JavaScript, Python, C and C++, HTML5, CSS3, React, SQL (basic – intermediate)

Cloud & Container Tools: Docker, GitHub, CI/CD Fundamentals, Kubernetes (Basics), Influx DB, Rest APIs, MQTT

AI & Data Tools: OpenAI API, Code generation & debugging with AI, AI assisted web development, GitHub Copilot, Google Antigravity, Notion

Connected Systems & IoT: Real-time data monitoring, Cloud-connected devices, Dashboard development

Documentation & Reporting: Project Reports, Jupyter Notebooks, System Design Documentation, Data Analysis & Presentation

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Languages

ENGLISH (Business Fluent), German A2 (Pursuing)