Kolanji B

Python Full stack developer

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EXPERIENCE

IoT Firmware intern, BOODSKAP, *Chinnamalai, Chennai*

DECEMBER 2022 – DECEMBER 2022

- Collaborate with the firmware development team to design and implement embedded software for IoT devices.
- Write efficient, modular, and scalable code for resource-constrained environments.
- Gain knowledge and experience in IoT communication protocols such as MQTT, CoAP, and HTTP.
- Develop and execute test plans to ensure the reliability and performance of firmware.
- Work closely with cross-functional teams, including hardware engineers, software developers, and product managers.
- Create clear and concise technical documentation for firmware modules.

EDUCATION

Annamalai University, Chidambaram— *B.E (Information Technology)*

AUGUST 2019 - MAY 2023   CGPA - 8.10

PROJECTS

Library management system— *Built using python and MySQL*

- Streamlined library management system crafted with Python and MySQL, ensuring efficient cataloging and retrieval

Thrill Sphere — *Built using HTML, CSS & Bootstrap*

- An immersive theme park adventure awaits as you explore our dynamic website, seamlessly crafted with HTML, CSS, and Bootstrap for an electrifying online experience.

Vista voyage —*Built using HTML & CSS*

- meticulously designed tourism website, seamlessly crafted using HTML and CSS for an immersive journey through captivating destinations.

SKILLS

- Python, MySQL, Django
- Java Script, React js
- HTML & CSS
- Excellent communication

RELEVANT COURSEWORK

- Object oriented programming
- Data Structures and Algorithms
- Design and analysis of algorithms
- Operating system
- Database management systems.

CERTIFICATIONS

- Certified **Full stack Python Developer,** login 360–AUGUST 2023 - MARCH 2024
- Participated in **RUSA 2.0** sponsored National workshop on **Smart Emulation of IoT projects for Real Time Applications**

LANGUAGES

- **Tamil –** First Language
- **English -**Advanced**(C1)**