LAVANYA AKURATHI

EMBEDDED AND IOT ENGINEER

A dedicated and motivated individual, with 2 years experience in Embedded systems, eager to utilize the skills across diverse settings. As an IoT enthusiast, seeking an opportunity in IoT and Embedded domain with a focus on enhancing the abilities and building a strong career.

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EXPERIENCE

Embedded Engineer
Reliable Technosystems India Private Limited *Sep 2022 - Aug 2024*

- Gained experience in all aspects of project lifecycle while working with the projects of Bharat Electronics Limited. Successfully contributed to projects from initial bidding stage through design, production, assembly, testing and final delivery.
- Streamlined the tasks by conducting thorough review of customer requirements and specifications documents before commencing projects; collected essential resources.
- Worked collaboratively with multiple teams to ensure the successful completion of projects. Key responsibilities included involvement in design and BoM cost estimation, bid evaluation, as well as implementing cost-effective solutions that maintain quality standards.
- Addressed client inquiries and concerns promptly.

Assistant Professor
JNTUK affiliated Engineering Colleges *Aug 2015 - Mar 2018*

INTERNSHIPS AND CERTIFICATIONS

- IoT Research Internship, 10/2021, 03/2022, Appleton Innovations
- End-to-End IoT Training, 07/2021, 08/2021, Hiotron
- Programming with Python, 04/2021, 06/2021, Internshala Trainings
- Introduction to IoT, 03/2021, 04/2021, Cisco

SKILLS

- Python, C
- AWS IoT, Thingspeak, IBM Watson, Bolt IoT
- Arduino, Raspberry Pi, ESP8266
- MQTT, HTTP, Zig-bee s2c, Bluetooth
- Sqlite, MongoDB

EDUCATION

M.Tech - Embedded Systems - CGPA-8.88
Koneru Lakshmaiah Deemed to be University *Aug 2013 - Jul 2015*

- Thesis or Dissertation Title: A Low Cost Inventory Location Identification Kiosk for Indoor Environments Using Passive RFID Tags.
- Publications and Presentations: Participated in a DRDO sponsored National conference and presented a paper on 5G technology titled 'Light Fidelity-the new wireless communication technology' and published the same.
- Published my thesis in SCOPUS indexed international journal. (ISSN 0973-4562 Vol.10).

B.Tech - ECE - 72.58%
Priyadarshini Institute of Technology and Science *Sep 2009 - May 2013*

LANGUAGES

English Hindi
Telugu