

S.N.KUSUMA HARANADH DUVVA

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OBJECTIVE

Aspiring Cloud Developer with a foundation in AWS Cloud and MERN Stack technologies.

EDUCATION

- Currently pursuing B.Tech at Lakireddy Bali Reddy College of Engineering in Mylavaram.

SKILLS

- Programming languages: **C, C++, Python, Java.**
- Web Technologies: **HTML, CSS, JS and PHP.**
- Database: **Oracle, MySQL and MongoDB.**
- Cloud: **Amazon Web Services (AWS).**

WORK EXPERIENCE

- **IoT Application Development Intern in Smart Home & Industrial Solutions (July 2024)**
 - Developed an IoT application that monitors the environmental measures such as Oxygen, Carbon-di-oxide etc.
 - Gained practical experience with sensor integration, data transmission, and real-time data visualization.
 - Improved my ability to create functioning IoT devices.
- **Full Stack Development Trainee in Innostes Solutions (September 2024)**
 - Acquired practical full stack development skills through hands-on project work.
 - Developed proficiency in **MERN** (MongoDB, Express.JS, React.JS, Node.JS).
 - Improved my ability to work in a team-based software development environment.
- **AWS APAC Solutions Architecture Virtual Experience on Forage (February 2025)**
 - Designed a simple and scalable hosting architecture based on Elastic Beanstalk for a client experiencing significant growth and slow response times.
 - Described my proposed architecture in plain language ensuring my client understood how it works and how costs will be calculated for it.

PROJECTS

- **Doctor Appointment Booking System – Java Full Stack Project (October 2023 – June 2024)**
 - A beneficial solution to the problems facing patients and doctors.
 - Doctor Appointment Booking System uses the **Java Full Stack.**
 - GitHub Link: [Duvva-S-N-Kusuma-Haranadh/DocConnect](https://github.com/Duvva-S-N-Kusuma-Haranadh/DocConnect)
- **Environment Monitoring System through IoT – IoT project (July 2024)**
 - An Industrial defined Project in Collaboration with Smart Home and Industrial Solutions, Vijayawada.
 - Development and optimization of machine has been done by **Python** and **HTML, CSS, JS.**
 - GitHub Link: [Duvva-S-N-Kusuma-Haranadh/Environment-Monitoring-Using-IoT](https://github.com/Duvva-S-N-Kusuma-Haranadh/Environment-Monitoring-Using-IoT)
- **College Bus Management System – MERN Stack Training project (September 2024)**
 - An Industrial defined Project in Collaboration with Innostes Solutions, Hyderabad.
 - Development and optimization of this project done by **MERN Stack** implies an organized manner for the college bus management.
 - GitHub Link: [Duvva-S-N-Kusuma-Haranadh/College-Bus-Management-System](https://github.com/Duvva-S-N-Kusuma-Haranadh/College-Bus-Management-System)

ACHIEVEMENTS

- Secured **3rd Prize in the Hackathon** conducted on Full Stack Development by Innostes Solutions.
- Secured a Place in **Top 10 Coders** in the Full Mastery Bootcamp by Innostes Solutions

CERTIFICATIONS

- AWS Certified Cloud Practitioner.

EXTRA CURRICULAR ACTIVITIES

- Paper Presentation about MERN Stack in Lakshya 2K25 Fest Hosted by LBRCE.
- Presented the Project - College Bus Management System in Lakshya 2K25 by LBRCE.