



Sushmitha S

Bachelor of Technology
PES University

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GitHub Profile
LinkedIn Profile

EDUCATION

•Bachelor of Technology in Computer Science and Engineering

PES University

2022-26
CGPA: 9.37

PERSONAL PROJECTS

•Research Portal

A website that allows researchers to manage their projects, papers and datasets. They can find collaborators and receive funding

- Tech: HTML, CSS, JavaScript, Flask, MySQL
- Domain: Database Management System

•Farmer friendly website

A website that connects farm-fresh products to customers

- Tech: HTML, CSS, React.js, Node.js, Express.js, MongoDB
- Domain: Web Technology

•Integrated Attendance System

Real-time system using RFID, LCD, LED, Buzzer

- Uses RFID for secure attendance; logs date and time; restricts unregistered users
- Attendance auto-updated in Excel
- Domain: Microprocessor Computer Architecture, Components: Arduino, Sensors

•Distributed Task Management System

Distributed tasks to clients; monitored progress using socket programming

- Client 1: Math ops (sorting, sum), Client 2: Text ops (uppercase)
- Tech: Python; SSL for security
- Domain: Computer Networks

EXPERIENCE

•Research project

PES University

June-August 2024

- project done on the topic child abduction prevention management and response system in IOT
- Involves the concept of mobility, heterogeneous traffic and multi-cluster system
- Simulations done in Contiki OS, Cooja Simulator
- presented research paper in the ICISSC conference on Dec 20-21, 2024

CERTIFICATION

– HackerRank certificate(Problem Solving Intermediate)

April 2024

HackerRank

– HackerRank certificate(Java Basic)

April 2024

HackerRank

– The Complete Python Bootcamp From Zero to Hero in Python

August 2023

Udemy

– AI For India 2.0

August 2023

Guvi

– Jira Work Management

November 14, 2024

Atlassian University

– Getting Started with Artificial Intelligence

Jan 17, 2025

IBM Skillbuild

– Getting Started with Compute

Jan 16, 2025

aws educate

– Getting Started with Serverless

Jan 17, 2025

aws educate

TECHNICAL SKILLS AND INTERESTS

Languages: C,C++, Python,Java,HTML,CSS
Web Dev Tools: Nodejs, VScode, Github
Frameworks: ReactJs
Databases:MongoDb , MySQL
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Computer Networks, Database Management System, Machine learning , Data Analytics, Big Data
Areas of Interest: Web Design and Development, Machine learning,Computer Networks.
Soft Skills: Problem Solving, Communication,team work, leadership

AWARDS & ACHIEVEMENTS

Scholarship Award	2022,2023,2024
<i>Awarded for being in the top 5% of the batch for five consecutive semesters</i>	PES University