

PREETHI S

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EDUCATION

College: C Abdul Hakeem College of Engineering and Technology	(2021-2025)
B.Tech Information Technology	
CGPA - 8.1	
School : Sunbeam Matric Higher Secondary School	
10th - 89%	(2018-2019)
12th - 88%	(2020-2021)

LANGUAGES KNOWN

English | Telugu | Tamil

TECHNICAL SKILLS

- Languages:** Core Java, Java EE, Python, HTML, CSS
- Frameworks:** Spring, Spring Boot, Hibernate/JPA, RESTful APIs, Microservices
- Big Data:** Hadoop (HDFS, Hive, HBase, Pig, Sqoop), Spark
- Databases:** MySQL (RDBMS)
- DevOps/Containers:** Docker, Kubernetes
- Version Control :** Git, GitHub
- Others:** Test-Driven Development, OOP, Design Patterns, Multithreading, Concurrent Design.

EXPERIENCE

1. Web Development Intern - Flash Info Lab (June - July 2024)

- Developed responsive web pages and integrated REST APIs for dynamic data rendering.
- Worked with Spring Boot and frontend frameworks to enhance user interactivity.

2. Python Intern - Strydo (Jan - Feb 2023)

- Worked on scripting and data handling workflows, applying basic ETL concepts.
- Utilized Python libraries like Pandas and NumPy for data transformation.

PROJECTS

Department Resource Portal (AI-Enhanced Educational Institute Management System)

- Technologies Used : Java, Spring Boot, HTML, CSS, JavaScript, MySQL
- Developed a full-stack web application with Spring Boot (Microservices architecture) and MySQL.
- Designed a modern chat interface with typing animation, auto-scroll, and clear chat features for better interactivity.
- Implemented RESTful APIs for efficient data communication between Frontend and Backend.
- **GitHub:** github.com/preethisuresh23

Automatic Door Locking System (IoT)

- Technologies Used : Arduino, C, Sensors
- Built an IoT-based automatic door locking system using Arduino and proximity sensors.
- Designed logic to ensure automatic locking/unlocking based on motion detection.

Real Estate Website

- Technologies Used: HTML, CSS, PHP, MySQL
- Created a responsive website to list and manage real estate properties.
- Implemented dynamic search and contact features with backend integration.