

PRITHIVI P

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Committed to developing innovative and efficient solutions that drive progress. Eager to apply my diverse technical skill set in high-impact environments to enhance productivity and foster growth. With a strong desire for continuous learning and improvement, I am dedicated to contributing to strategic goals while expanding my practical expertise.

PROJECTS

Hospital Data Management System

JAN 2025 – PRESENT

- Developed a centralized system for secure hospital data management with a unified patient identity, enabling seamless record access and cross-hospital data exchange.
- Digitized patient records and medical history to streamline hospital operations and improve efficiency.

Tech Stack: Spring Boot, Spring Security, React, MongoDB, AWS.

Rental-Space: Freelance Project

OCT 2024 – DEC 2024

- Developed a platform for renting parking and storage spaces with real-time availability tracking, intuitive browsing, booking, and management.
- Implemented live tracking for space availability and booking statuses.

Tech Stack: Spring Boot, Spring Security, React, MongoDB, AWS, Java, Azure, Jenkins.

API Integration: Intern at Wintek

MAY 2024 – JUL 2024

- Integrated APIs for image format conversion, improving processing speed by 20%.
- Implemented a real-time shipment tracking API, reducing response time by 50%.

Tech Stack: Spring Boot, Spring Security, React, MySQL.

Virtual-Classroom: Education Management System

NOV 2023 – MAR 2024

- Built a student profile system with privilege controls, boosting engagement by 60%.
- Developed smart attendance tracking with automated notifications.
- Reduced admin workload by 40% and improved leave request response times.

Tech Stack: Spring Boot, Spring Security, React, MySQL, AWS, Java, Azure Communication Service.

Anti-Counterfeiting System: E-commerce

MAY 2023 – AUG 2023

- Designed a decentralized system for accurate product authenticity verification.
- Implemented dynamic ownership transfers for a tamper-proof transaction history.

Tech Stack: Html, CSS, JavaScript.

ACADEMIC CREDENTIALS

NOV 2022 – PRESENT

B. Tech: Artificial Intelligence & Data Science, Dr. N.G.P. Institute of Technology, Coimbatore, Tamil Nadu.

Pursuing with **8.45** CGPA (up to 5th semester).

INTERNSHIPS

Centillion Labs: Data Engineering (Nov 2024)

- Built PySpark data pipelines (RDDs, DataFrames) & optimized Spark SQL queries, managing Databricks Delta tables.
- Deployed AWS resources using Terraform (EC2, Redshift, IAM, VPCs) & developed Gen AI Prompt Flow with AWS Bedrock, integrating MongoDB and a serverless API with Lambda.

Wintek: API Integration (May 2024)

- Learned API integration for image format conversion, response handling, and workflow automation.
- Gained experience in delivery API synchronization for real-time tracking and status management.

AREA OF INTEREST

- Software Development
- Cloud & DevOps
- Backend Engineering
- Big Data & AI

SKILLS

- Java
- Spring Boot
- React
- Amazon AWS (Cloud)
- HTML, CSS & JavaScript
- Data Structures and Algorithms
- Linux Shell Scripting
- Docker
- Jenkins
- Python

ACHIEVEMENTS & CERTIFICATIONS

- **1st Place** in **UI/UX** Designing at Bannari Amman Institute of Technology (May 2023).
- Presented a Paper in an **International Conference** at **Lincoln University, Malaysia** (Dec 2023).
- **TOP 5%** in NPTEL Examination on **Java** with **Elite + Silver Medal** (Apr 2024).
- **1st Place** in **Paper Presentation** at SNS College of Technology (May 2024).
- Certified in **AWS, React, Linux Shell Scripting** from **AWS, Meta, IBM** via Coursera.

PERSONAL DETAILS

Date of Birth: 01/09/2004.

Linguistics Skills: Tamil, English.

Personal Qualities: Leadership, Teamwork, Attention to Detail, Time Management.