PRADEEP G.S

Karur, Tamil Nadu, India

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LinkedIn GitHub LeetCode HackerRank

Professional Summary

Artificial Intelligence and Data Science undergraduate with strong skills in Java, Python, Full-Stack Web Development, and Data Structures & Algorithms. Experienced in building scalable applications using React.js, Spring Boot, SQL, MongoDB, Node.js, and blockchain-based solutions using Solidity and Ethereum. Developed real-world projects including a service booking platform, Telegram automation bot, and blockchain supply chain tracking system. Strong problem-solving ability, leadership skills, and hands-on project experience through internships and academic development.

Education

VSB Engineering College, Karur Sep 2023 – Present
B.Tech – Artificial Intelligence and Data Science CGPA: 7.68

Cheran Matric Higher Secondary School, Karur 2023
Higher Secondary (12th Grade) Percentage: 70%

Technical Skills

Programming Languages: Java, Python, JavaScript
Frontend: HTML, CSS, React.js, Next.js, Tailwind CSS
Backend: Spring Boot, Node.js, Express.js
Database: SQL, MongoDB
Blockchain: Solidity, Ethereum, Smart Contracts, MetaMask, Web3.js, Ethers.js
Tools & Platforms: Git, GitHub, Telegram Bot API, OpenAI API

Internship Experience

Web Development Intern – We Touch Technology June 2024 – July 2024
Project: E-Commerce Online Portal
Technologies: HTML, CSS, JavaScript

- Developed responsive UI components for an e-commerce portal using HTML and CSS.
- Implemented product listing, cart management, and filtering functionality using JavaScript.
- Collaborated with a 3-member team to deliver a functional prototype on time.
- Improved website performance and load speed by 25% through UI optimizations.

Infosys Spring Boot Virtual Internship 6.0 Oct 2025 – Dec 2025
Technologies: Java, Spring Boot, SQL, React.js, Tailwind CSS

- Built a full-stack booking application using Spring Boot backend and React frontend.
- Developed RESTful APIs for booking workflows and user interactions.
- Integrated SQL database for persistent storage and query-based operations.
- Improved debugging and deployment skills while following software development best practices.

Projects

Quick Serve Booking Application (Full-Stack Project)
Technologies: React.js, Tailwind CSS, Java, Spring Boot, SQL, Stripe

- Developed a service booking platform supporting User, Service Provider, and Admin modules.
- Implemented user registration, booking system, chat feature, and review submission workflow.
- Built service provider dashboard to accept/reject bookings and mark jobs as completed.
- Integrated Stripe payment gateway for secure online transactions.
- Automated email notification system for review submission after successful payment.
- Designed role-based access flow to ensure secure and structured platform usage.

Placement Tutor Bot (Telegram Automation Bot)

Technologies: Python, Telegram Bot API, OpenAI GPT API

- Developed a Telegram-based learning assistant for placement and coding interview preparation.
- Automated daily coding question delivery from LeetCode-style platforms at scheduled time.
- Implemented deadline-based submission using `/answer` command to encourage discipline.
- Integrated GPT-based evaluation system for solution validation, optimization, and feedback.
- Built interactive AI doubt-solving feature using `/ai` command for hints and explanations.

Future Scope: Progress tracking, leaderboards, multi-language support, LeetCode auto-submission.

Blockchain-Based Supply Chain Tracking System

Technologies: Solidity, Ethereum, Smart Contracts, MetaMask, React.js, Web3.js, Ethers.js

- Developed a blockchain-based system to ensure product authenticity, transparency, and traceability.
- Designed smart contracts to store product details including batch ID, manufacturer info, expiry date, and ownership history.
- Implemented role-based access for Manufacturer, Distributor, and Retailer/Pharmacy stakeholders.
- Enabled real-time product tracking through blockchain ownership transfers and status updates.
- Integrated MetaMask authentication for secure decentralized application access.
- Built frontend UI to verify product legitimacy and display supply chain history.

Future Enhancements: QR verification, IPFS document storage, analytics dashboard.

Certifications

- Programming in Java (NPTEL – Elite Gold) – 97% (Top 2%)
- Java Foundations Certification – Infosys Springboard (June 12, 2025)
- Java Foundations Final Exam Completion – Oracle Academy (July 25, 2024)

Achievements & Responsibilities

- Coordinator of "Rhythm of Logic" event at KANAL 2K26 (College Symposium).
- Student Placement Coordinator (Leadership role in placement activities).

Soft Skills

- Leadership and Team Coordination
- Communication Skills
- Problem Solving
- Time Management
- Collaboration and Teamwork

Languages

Tamil (Native), English (Fluent)

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.