

Pradeesh Sivakumar

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Education

Chennai Institute of Technology, Tamil Nadu

2024 – 2028

Bachelor of Engineering in Computer Science

GPA: 8.3 / 10

Technical Skills

- **Programming:** C, C++, Python, JavaScript, SQL, HTML, CSS
- **Web & App Dev:** React.js, Node.js, Django, Flask, Firebase, Tailwind, Bootstrap
- **Databases:** MySQL, MongoDB, Firestore
- **Data Viz & BI:** Power BI, Tableau, Matplotlib, Seaborn
- **Tools & Platforms:** Git, GitHub, VS Code, Docker, Postman
- **Cloud/Deployment:** Firebase Hosting, Netlify
- **Data Science & AI:** NumPy, Pandas, scikit-learn, OpenAI API
- **Concepts/Coursework:** OOP, DSA, DBMS, Computer Networks

Projects

HeritTrust

May 2025 – Present

Blockchain & AI-based Heritage Fund Management Platform

Developed a decentralized platform with React.js, Node.js, Firebase, IPFS Ethereum for transparent fund allocation. Implemented AI modules: fund misuse detection, image verification, geolocation verification. Built role-based dashboards for Admin, Contractor, Citizen, and AI Panel.

Outpass Generation System

Mar 2025 – Apr 2025

Web Application

Built a role-based web app with React.js, Firebase Auth Firestore; integrated backend with Node.js (MongoDB) Django (MySQL). Features: signup/login, request form, admin panel, role-based routing.

Certifications & Virtual Internship

- **Skill Development Center (2024)** — Certified C & C++ Programmer
- **Cisco Networking Academy** — Intro to IoT, Data Science, Modern AI, Cybersecurity, Python
- **LinkedIn Learning** — Business Strategy, Business Analytics, ChatGPT & Zapier Automation
- **Tata Data Visualization (Forage)** — Created dashboards, analyzed insights, prepared reports; applied Power BI/Tableau/Excel
- **Google AI/ML Internship (Eduskills)** — Built AI/ML models, data preprocessing, Python programming, scikit-learn, workflow for AI/ML projects, evaluated model performance

Technical Achievements & Activities

- Solved 250+ problems on LeetCode and other coding platforms
- Participated in technical events and college workshops

Internship Experience

Voltech Engineers Pvt. Ltd

(4 Weeks)

Server Management and Networking Intern

Hands-on experience in server setup, network troubleshooting, and documentation.