

Deepak S

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Professional Summary

Ambitious and innovative Pre-final Year B.Tech AI & DS student with a track record of delivering high-impact, real-world applications. Skilled in full-stack development, AI model deployment, and cloud engineering. Known for rapidly learning new tools, thriving in fast-paced environments, and creating scalable, user-focused solutions with measurable results.

Core Skills

Languages: Python, C, C++, Java (Basic), JavaScript, SQL

Frameworks & Libraries: React, Node.js, Tailwind CSS, Flask, TensorFlow, Keras, PySpark, Matplotlib, Bootstrap (Basic), Django (Basic)

Databases: MongoDB, SQL

Cloud & Tools: AWS (EC2, S3, Load Balancer), Firebase, Git, GitHub Desktop, VS Code, Postman, Anaconda, Google Colab, CUDA, Figma, Linux

Specialization: Machine Learning, Deep Learning, Cloud Deployment, API Development, Flutter Mobile Apps

Projects

AI-Powered Fake Website Detection App | Flask, Flutter, Matplotlib, Linear Regression

Developed a predictive ML model to identify fraudulent websites with high accuracy.

Built a cross-platform Flutter app integrating with backend API for real-time detection.

Implemented instant alerts for proactive user protection.

Dynamic Portfolio with Admin Panel | HTML, CSS, JavaScript, Firebase

Designed and deployed an interactive, mobile-responsive portfolio with secure admin access.

Enabled backend-less content management using Firebase Cloud Firestore.

Optimized UI for fast load times and engaging user experience.

Study Spark – AI Learning Platform (Hackathon Project) | MERN Stack, Firebase, Ollama LLaMA 3

Built an all-in-one learning platform with summarization, flashcards, mind maps, and Q&A; features.

Integrated multi-format input support (PDF, DOCX, audio, text) for adaptive learning.

Created a 'Teach-Back' AI chatbot for evaluating and improving student responses.

Velammal Engineering College Website | Node.js, React, MongoDB, AWS EC2, S3

Served as backend developer & cloud engineer for the official college website.

Created API endpoints and integrated dynamic content modules.

Managed AWS deployment, hosting, and optimization.

Certifications & Internships

Full Stack Development Certification – CSC & HDFC Training Program

Web Development Internship – CodeSoft

Achievements

Participated in national-level hackathons creating impactful AI-based platforms.

Backend developer & cloud engineer for the official Velammal Engineering College website.

Education

B.Tech – Artificial Intelligence & Data Science

Velammal Engineering College, Chennai | Expected Graduation: 2027