

Lokesh Prabu J

Aspiring Software Developer | Full-Stack & AI Enthusiast | Strong in DSA & Cloud Deployment

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Career Objective

Analytical and detail-driven **AI & Full-Stack Developer** passionate about building real-world, data-driven applications. Skilled in designing **end-to-end systems**, **REST APIs**, and **AI-based automation**. Eager to work on challenging projects that merge software engineering with AI innovation to improve performance and user experience.

Education

B.E. Computer Science and Engineering	Jun 2022 – May 2026
Saveetha School of Engineering, SIMATS University, Chennai	CGPA 8.74 / 10
HSC – AIM Matric Hr. Sec. School, Arani	82%
SSLC – AIM Matric Hr. Sec. School, Arani	97%

Internships

Infosys Springboard – Software Development Intern	Oct 2025 – Present
Built and deployed REST APIs using Node.js, Express.js, and MongoDB on AWS EC2 , improving data delivery by 25%. Collaborated in an Agile environment with CI/CD pipelines, focusing on scalable backend systems.	

Vault of Codes (Remote) – AI & Prompt Engineering Intern	Aug 2025 – Sep 2025
Enhanced LLM accuracy by 18% through optimized prompts and fine-tuning. Automated text workflows using Python, reducing manual review time by 30%. <i>Verification: vaultofcodes.site AICTE ID: STU65d63fa4476af1708539812</i>	

Technical Skills

Programming: Python, Java, C++, C, Kotlin
Frontend: HTML5, CSS3, JavaScript (ES6+), React.js (Basics)
Backend: Node.js, Express.js, REST APIs, MongoDB
Databases: MySQL, MongoDB, Oracle APEX
Cloud: AWS (EC2, S3), Google Cloud Platform (GCP)
AI/ML: TensorFlow, Keras, Scikit-learn, OpenCV
Core CS: DSA, OOP, DBMS, OS, CN

Projects

Hybrid CNN-ViT for Food Recognition	2025
Developed a hybrid Convolutional-Vision Transformer (CNN-ViT) model for food recognition and calorie estimation achieving 90% accuracy .	

Tech Stack: Python, TensorFlow

Nutri Fill – Nutrition Analysis App	2024
Built a Full-Stack Android App integrating Google Vision & Edamam APIs for food detection, deficiency alerts, and meal planning.	

Tech Stack: Kotlin, Node.js, MongoDB

Ko-Matha Dairy Farm Website	2024
Created a responsive e-commerce site for dairy product sales and blogs on sustainable farming.	

Tech Stack: HTML, CSS, JavaScript, PHP

Certifications

Oracle AI Vector Search & APEX (Oracle) • **AWS Certified Cloud Practitioner (CLF-C02)** – Sep 2025 • Generative AI (Google) • Artificial Intelligence (Infosys Springboard) • IoT (NPTEL) *Verification: [View Certificates](#)*

Achievements

Best Poster Presentation – SSE, SIMATS (2024) • Best Student Award – Tamil Thaai Foundation (2024) • Best Presentation – “Innovators’ Showcase” (2025)

Leadership & Contributions

- Team Leader – Google Solution Challenge Bootcamp 2025:** Led a 4-member team developing solutions for UN Sustainable Development Goals.
- Technical Content Volunteer – Department Symposium, SIMATS:** Reviewed and presented technical content for inter-college events.

Hobbies & Interests

Listening to tech podcasts • Competitive coding (LeetCode, HackerRank) • Exploring AI tools • UI/UX design concepts
• Reading tech blogs • Playing chess

Languages Known

English (Fluent) | Tamil (Native) | Telugu, Hindi (Conversational)