

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

## 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%. Verification: [vaultofcodes.site](https://vaultofcodes.site) | AICTE ID: STU65d63fa4476af1708539812

## 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 Thaa 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)