

YOGESH V

Full Stack Developer | AI & Machine Learning

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PROFESSIONAL SUMMARY

Final year Computer Science and Engineering student (CGPA 9.04/10) and COO of Zeshin who has built and shipped 9 live web products across SaaS, e-commerce, service and brand websites. Works across the full stack with Next.js, React, Spring Boot, Django, FastAPI, PostgreSQL and AWS, and applies deep learning to real problems, including a hackathon-winning diabetic retinopathy detection system. Seeking full stack, backend and AI/ML roles.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, Java, SQL

Frontend: Next.js, React.js, HTML, CSS

Backend: Spring Boot, Django, FastAPI

Databases & Cloud: PostgreSQL, AWS

DevOps & Tools: Git, GitHub, Docker, VPS deployment

AI/ML: Deep learning, CNN, ResNet, EfficientNet, Grad-CAM (explainable AI)

Integrations: Razorpay payments, WhatsApp integration, SEO

WORK EXPERIENCE

Chief Operating Officer (COO) | Zeshin

Aug 2026 – Present

- Delivered 6 live web products: 3 SaaS platforms, 2 service websites and 1 brand website.
- Oversee day-to-day operations of Zeshin, a software and AI company, coordinating project planning and delivery across development teams.
- Drive process improvement, resource allocation and cross-functional collaboration to ship software and AI products on schedule.

Backend Developer Intern | Softnix Solutions

Mar 2026 – Aug 2026

- Collaborated on the development of a scalable ERP system.
- Implemented secure backend services with optimized database design and a modular architecture.

Full Stack Engineer | Blunar Co

Dec 2025 – Aug 2026

- Independently built and deployed 2 e-commerce stores and 1 brand website, including SR Tech & Powers (see Projects).
- Focused on high performance and robust security practices across the application stack.

Full Stack Web Development Trainee (OJT) | VDart

Jun 2026

- Completed intensive on-the-job training in full stack web development and built a College Management System in a team of 3 (see Projects).

Machine Learning Intern | Qoresys

Jun 2025

- Built, tested and tuned machine learning models, improving model accuracy by up to 30%.

EDUCATION

Bachelor of Engineering (B.E.) in Computer Science and Engineering

2023 – 2027 (Expected)

Syed Ammal Engineering College, Ramanathapuram | CGPA: 9.04/10

Higher Secondary Certificate (HSC)

2023

DDV Higher Secondary School, Ramanathapuram | Percentage: 88.5%

Secondary School Leaving Certificate (SSLC)

DDV Higher Secondary School, Ramanathapuram | Passed

PROJECTS

HealthCom – Healthcare Community Platform

Solo

Tech: Next.js, Spring Boot, PostgreSQL, AWS

- Built a community platform that connects patients, doctors, labs and pharmacies to streamline the end-to-end healthcare flow.
- Designed an assisted mode that helps patients with limited literacy use the platform on their own.
- Opens access to a broad community network of doctors, labs and pharmacies, rather than only the top-doctor listings of conventional systems.

SR Tech & Powers – Electronics E-commerce Platform

Solo

Tech: Next.js, Spring Boot, PostgreSQL, AWS, Razorpay, WhatsApp

- Built the e-commerce store and brand website for a real electronics business, serving both retail customers and dealers.
- Integrated Razorpay payments and WhatsApp service for easy ordering and order tracking, with support across India.
- Implemented SEO to increase the business's online visibility and growth.

Netra AI – Diabetic Retinopathy Detection

Solo | Winner, Technomaster 2026

Tech: CNN, ResNet, EfficientNet, Grad-CAM, HTML, CSS

- Built a 5-module deep learning pipeline that detects diabetic retinopathy from retinal images in under 30 seconds.
- Trained and compared CNN, ResNet and EfficientNet models on APTOS and Kaggle datasets, improving accuracy, precision, recall and F1 score while keeping computation efficient.
- Added Grad-CAM explainability and a web dashboard so users can see which retinal regions drove each prediction.

College Management System

Team of 3 | V Dart OJT

Tech: React.js, Django, PostgreSQL, AWS

- Built an end-to-end management system for college admins, staff and students, covering hostels, transport and inventory.
- Streamlined end-to-end workflows with an intuitive interface for each user role.

ACHIEVEMENTS

- Winner, Technomaster 2026, Kalasalingam University – Netra AI, diabetic retinopathy detection using deep learning.
- Winner, Hackfinty'25, Syed Ammal Engineering College – Smart Learner, a curriculum-builder app for students.
- Ranked 2nd in college (CGPA 9.02, up to Semester 6); previously ranked 3rd (CGPA 8.88, up to Semester 4).

CERTIFICATIONS

- Python (Intermediate) – HackerRank (Nov 2025)
- Machine Learning with Python – freeCodeCamp (Jul 2025)
- SQL (Advanced) – HackerRank (Jul 2025)
- AI Fundamentals – IBM (Jun 2025)
- Web Development Professional Certification – MTF Institute (Dec 2024)
- Data Structures and Algorithms – LinkedIn (Jun 2024)

LANGUAGES

English (Fluent), Tamil (Native)