Yogeshwaran V

Chennai, India | yogeshwaranvenkat05@gmail.com | My-Portfolio-Site
linkedin.com/in/yogesh-v/ | github.com/yogesh567894

Education

SRM Institute of Technology(University) 2022 – 2026

B.Tech in Computer Science & Engineering

- CGPA: 7.5/10
- **Relevant Coursework:** Data Structures, Algorithms, Software Engineering, Database Management Systems

Sethu Bhaskara Matriculation Higher Secondary School 2008 – 2022

Higher Secondary Education

- Grade 12: 79.99% | Ambattur, Chennai
- **Core Subjects:** Physics, Chemistry, Mathematics, Computer Science (PCMC Stream)
- **Extracurricular Activities:** Inter-school Football Player, Scouts & Guides - Rajya Puraskar Recipient

Key Achievements

- **Top 5 Finalist** - Guidewire DEVTrails 2025: Kubernetes anomaly detection system with AI remediation automation among 739 teams (3,002 participants)
- **3rd Place** - CodeFest 2025: Remote Patient Monitoring platform in 24-hour (inter-college hackathon)
- **Winner** - IDEATHON 2024: NFC-integrated railway ticket solution (organized by Southern Railways)
- **Rajya Puraskar (Governor's Award)** - Highest state-level recognition in Bharat Scouts and Guides (2019)
- **Inter-School Sports Representative** - Football competitions representing school at regional level (2019)

Experience

SRMTech – Chennai, TN 06/25 – Present

Software Development Intern

- Developing Remote Patient Monitoring (RPM) system for healthcare technology solutions
- Working on real-time health data processing and patient monitoring dashboard development
- Collaborating with cross-functional teams to implement scalable healthcare software solutions

Udrive – Chengalpet, TN 12/24 – 05/25

Product Designer & Mobile Developer

- Designed complete UI/UX and product flow for car-rental platform using React Native
- Developed cross-platform application serving 150+ beta users with optimized user experience
- Implemented responsive design principles ensuring seamless functionality across iOS and Android platforms

Entrepreneurship & Innovation

Own Venture (Not Named Yet) – Chennai, TN 03/25 – Present

Founder & Team Lead

- Developing agentic CRM + ERP system for own school "Sethu Bhaskara Matriculation" (10,000 students) while building scalable SaaS product architecture for educational technology market deployment
- Leading small development team to create innovative educational technology product - a comprehensive blend of CRM, ERP, MCP, and AI agents for institutional management automation

Research Projects & Publications

SignLingo: Indian Sign Language Recognition System Using Advanced Neural Networks 2025

Yogeshwaran V., Daksh A Jain, Dr. Anbazhagu U V

Submitted to INDISCON 2025 - IEEE India Council International Conference (Under Review)

- Developed accessible ISL recognition system achieving 94.2% accuracy using CNNs and RNNs with transfer learning architecture for real-time gesture recognition and multilingual translation
- Implemented deep learning framework supporting bidirectional communication between ISL users and speakers of Hindi, Tamil, Telugu, and English through advanced computer vision techniques

Key Projects

K8S Anomaly Detection System   2025

Backend Development & DevOps

- Engineered multi-agent Kubernetes monitoring system achieving 94% LSTM-based anomaly detection accuracy with automated remediation capabilities
- Implemented real-time alerting and dashboard visualization for enterprise-level container orchestration management

RPM - Remote Patient Monitoring   2025

Full-Stack JavaScript Development

- Developed cross-platform health monitoring dashboard with MQTT server integration for smartwatch data collection in 24 hours
- Built real-time data processing pipeline with Bluetooth connectivity and responsive web interface

ICIOT 2025 Conference Website   2025

Web Development & Technical Solutions

- Built responsive international conference website using Next.js with headless CMS and Microsoft CMT integration
- Successfully served 2,500+ global attendees with optimized performance and seamless user experience

University Club Activities

CENTINELS – SRMIST   Sept 2023 – Apr 2025

Web Development Head & Team Lead

- Led team of 8 developers to build secure web applications with cybersecurity best practices
- Built comprehensive CRM system for club membership management using PHP and MySQL
- Mentored junior developers and established coding standards for team collaboration
- Organized technical workshops and training sessions for club members

Cherry+ Network – SRMIST   Sept 2023 – Apr 2025

Technical Associate & Event Coordinator

- Organized technical hackathon with 200+ participants and managed comprehensive event logistics
- Secured sponsorships for flagship events through strategic outreach and cold calling initiatives
- Coordinated cross-functional teams to deliver successful technical events and workshops
- Developed event management systems and registration platforms for club activities

Technical Skills

Programming Languages: JavaScript (ES6+), Python, Java, PHP, HTML5, CSS3, SQL
Mobile Development: React Native, Flutter, Expo, Cross-platform Development
Web Frameworks: Next.js, React, WordPress, Tailwind CSS, Bootstrap
Backend Technologies: Node.js, PHP (OOP), REST APIs, GraphQL, MQTT
Databases: MySQL, PostgreSQL, MongoDB, Database Design
DevOps & Tools: Docker, Kubernetes, Git, Apache, Postman, VS Code
Machine Learning: TensorFlow Lite, CNNs, RNNs, Transfer Learning, Computer Vision
Low-Code Platforms: Shopify (Liquid), WordPress (Custom Development), Webflow