

Anantha Krishnan N R

[Portfolio](#) — ananth2003.professional@gmail.com — [LinkedIn](#) — [Github](#)

Areas of interest — Fullstack Development, Software Engineering, Object-oriented Programming

Skills

Languages JavaScript (React, Angular, Node, Nest), Python (Django), Java (Spring Boot), HTML/CSS, SQL

Tools Git, Docker, Postman, Supabase, MySQL, PostgreSQL, Jest, Jira, Figma

Additional RESTful API, State Management (Redux), Responsive UI/UX, Agile Methodology, GenAI

Work Experience

Tata Technologies Limited LinkedIn	Aug 2025 – Present
<i>Graduate Engineer Trainee — Frontend Development</i>	<i>Pune, India</i>
<ul style="list-style-type: none">Engineered responsive, scalable web interfaces using React.js, Redux, and modular component design, improving UI performance and maintainability.Integrated RESTful APIs with robust error handling, caching strategies, and end-to-end data flow consistency across microfrontend modules.Designed adaptive layouts supporting multiple screen resolutions ensuring a seamless UX across devices.Integrated and performed tests using Jest, increasing component reliability and reducing regression issues.	

Onward Technologies Limited Certificate	Jan 2025 – March 2025
<i>Web Development Intern</i>	<i>Chennai, India</i>
<ul style="list-style-type: none">Developed an application for CapEx/OpEx purchase management, ensuring a seamless experience for employees.Built Backend services using Spring Boot and integrated REST API functionalities while testing effectiveness through Postman, optimizing data fetching and state management.Gained hands-on experience with AngularJS, improving UI responsiveness and integrating dynamic components for better user interaction.Strengthened understanding of component-based architecture, responsive design, and performance optimization.	

Projects

GreenDrive Mobility Link LinkedIn	March 2025 – May 2025
<i>Organizational Portfolio Web Application</i>	<i>Freelance project</i>
<ul style="list-style-type: none">Developed and deployed a production-ready application using React.js, Supabase, and modern UI patterns, delivering a robust, scalable user experience on Hostinger. Boosted search metrics by 80%.Devised a scalable Careers module enabling job applications, resume uploads, and admin-side applicant tracking that has served for 12 openings as of 2025.Optimized load times, Made UI components reusable, and ensured full responsive design for mobile and desktop.	

Drishti Github Demo	Aug 2022 – Dec 2022
<i>Automated Facial Recognition Attendance Management System</i>	<i>University project</i>
<ul style="list-style-type: none">Structured and created the core algorithm behind the facial-recognition system using OpenCV and deep-learning facial embeddings to automate classroom entry/exit tracking. Reduced attendance time by 73%.Designed a multi-camera architecture for high-accuracy detection across angles, handling boundary cases like occlusions and lighting variations.Implemented modules for face detection, timestamp logging, duration computation, and CSV-based reporting.	

Publication

GCVAT: A Hybrid Graph Convolution and Attention Model for Smart Contract Vulnerability Detection || [Google Scholar](#)

RAIT — IEEE Kolkata Section, 2025

Our hybrid model analyzed interactions and dependencies within smart contracts to detect Reentrancy and Infinite Loop vulnerabilities using **Tensorflow** and **Docker**-based deployment workflows.

Education

Amrita Vishwa Vidyapeetham	July 2021 – July 2025
<i>Bachelor of Computer Science and Engineering</i>	<i>Coimbatore, India</i>
CGPA: 7.9	
Sree Narayana Mission	
<i>Higher Education - 89%</i>	
<i>Secondary Education - 82.8%</i>	