

Anantha Krishnan N R

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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](#)

Graduate Engineer Trainee — Frontend Development

Aug 2025 – Present

Pune, India

- 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](#)

Web Development Intern

Jan 2025 – March 2025

Chennai, India

- 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](#)

Organizational Portfolio Web Application

March 2025 – May 2025

Freelance project

- 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](#)

Automated Facial Recognition Attendance Management System

Aug 2022 – Dec 2022

University project

- 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

Bachelor of Computer Science and Engineering

CGPA: 7.9

July 2021 – July 2025

Coimbatore, India

Sree Narayana Mission

Higher Education - 89%

Secondary Education - 82.8%

June 2016 – June 2021

Chennai, India