

Anirudh M Rao

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SUMMARY

Final-year B.Tech Computer Science student passionate about building scalable web applications and solving real-world problems with clean, efficient code. Seeking a software development role to apply and enhance my full-stack skills in a dynamic environment.

EDUCATION

SRM Institute of Science and Technology, Chennai

2022 - 2026

Bachelor of Technology in Computer Science

CGPA: 9.37

DAV School, Chennai

2021 - 2022

Class XII . CBSE . Computer Science and Engineering

Percentage: 85%

DAV School, Chennai

2019 - 2020

Class X . CBSE

Percentage: 93.2%

EXPERIENCE

Prodapt Solutions Pvt Ltd, Chennai, IN

June 2024 – July 2024

Python Developer Intern

- Engineered a REST API-integrated conversational agent using Azure OpenAI Service and Python, enabling seamless integration of GPT models and achieving a 98% success rate in accurate response generation.
- Refactored the input-output pipeline with asyncio for efficient prompt handling, boosting system throughput by 5x and reducing response time.
- Implemented robust API key authentication and input validation, and decreased potential vulnerabilities by 70% during routine penetration tests.

PROJECTS

Wexford / Next.js, NextAuth, Tailwind CSS, Razorpay, Mongoose, MongoDB

 [Github](#)

- Built a full-stack Next.js application with server-side rendering, secure API routes, and responsive UI, improving load performance by ~30%.
- Integrated Razorpay Payment Gateway with order creation, verification, and transaction status tracking, handling real-time payments with 100% accuracy.
- Designed and implemented MongoDB database schemas for users, and transactions, enabling efficient storage.
- Added authentication and authorization using NextAuth.js, ensuring secure user sessions and preventing unauthorized payment access.

Anonex / Next.js, Typescript, NextAuth, MongoDB, Mongoose, Resend, OpenAI API, Tailwind CSS

 [Github](#)

- Engineered an authentication system using NextAuth + Resend, enabling 100% OTP-based email verification with hashed and auto-expiring tokens, ensuring secure account creation.
- Designed unique sharable URLs for each user, allowing anonymous feedback submissions without signup; achieved seamless message storage and retrieval using MongoDB with Mongoose.
- Integrated AI-powered suggestions (OpenAI API) to assist senders in framing feedback/questions, improving engagement by an estimated 30–40%.
- Built a real-time message dashboard with moderation features (pause/resume incoming messages), reducing spam by up to 50% while improving user control and experience..

TECHNICAL SKILLS

Languages: C++ , Python, JavaScript

Web Technologies: React.js, Next.js, Node.js, Express.js, HTML, CSS

Database & API: MongoDB, MySQL, Mongoose, REST API design & integration

UI/UX & Prototyping: Figma, responsive design, user-centered product flows

Tools & Deployment: Git, GitHub, Vercel, Netlify, Postman

Certifications: Python for Data Science (NPTEL) Ultimate Web Development Course (Udemy 2025)