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)