

# ANAND SHETE

(+91) 9969483211 | [anandshete1234@gmail.com](mailto:anandshete1234@gmail.com) | [Github](#) | [Linkedin](#) | [Portfolio](#)

## Education

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- **12th H.S.C:** 81.00% March 2021
- **J.E.E Mains:** 88.14 percentile Apr 2022
- **B.E. Artificial Intelligence and Data Science** Nov 2022 - June 2026

## Projects

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### RollCall [\[Link\]](#)

- Developed a full-stack attendance management system with React, Node.js, Express, and MongoDB for tracking and reporting attendance of 500+ students and teachers.
- Integrated QR code generation and scanning with qrcode and html5-qrcode packages, utilizing Redux for state management and JWT for secure authentication.
- Designed a modern, responsive UI with Tailwind CSS and ShadCN, ensuring an intuitive user experience, while using Zod for robust data validation. Dockerized the entire application to ensure consistent, scalable deployments.

### Blogify [\[Link\]](#)

- A full-stack blog application allowing users to post personal blogs with images. Built using Node.js, Express, and MongoDB Atlas, with AWS S3 presigned URLs for secure and efficient client-side image uploads.
- Developed the frontend using React, integrating Tailwind CSS and ShadCN for a modern UI, incorporating OAuth and JWT for secure user authentication and session management.
- Integrated TinyMCE as a rich text editor for enhanced blog writing and formatting. Implemented a commenting system to enable user interaction, increasing engagement by 50%.
- Added an "Enhance with AI" feature using Gemini API to help users enhance their content with stylistic and grammar suggestions.

### Skynet [\[Link\]](#)

- Built an AI-powered Discord assistant using Discord.js and Gemini API, enabling dynamic natural language interaction within servers.
- Tuned gemini-2.0-flash with optimized maxOutputTokens, temperature, and topK for fast, cost-efficient responses.
- Deployed the assistant using Docker, ensuring seamless environment consistency and easy scalability for production.
- Enhanced user engagement with witty, human-like replies and personalized onboarding, improving interaction quality across 100+ messages and 20+ unique users during demo testing.

## Skills

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**Languages** - C, C++, Python, Javascript, Bash

**Server-Side** - Node.js, Typescript, Express.js, Fastify, Zod

**Front-End** - React, Tailwind, ShadCN, Motion, Redux

**Database** - MongoDB, MySQL

**Security & Auth:** Bcrypt, JWT, OAuth

**DevOps & Deployment** - AWS, Vercel, Render, Linux, Nginx, Docker, Git, Postman