

ANEESH SHARMA

SOFTWARE DEVELOPER

CONTACT

+91 72067 34591
aneeshsharma1024@gmail.com
https://aneesh-dev.netlify.app/
Chakarbhata, Bilaspur, Chhattisgarh, India

TECHNICAL SKILLS

Languages: HTML5/CSS3, Python, JavaScript, C++, SQL

Technologies: React.js, Node.js, Next.js, Flask, PostgreSQL

Developer Tools: Git, GitHub, VS Code, Vim, Jupyter, Figma, Docker, Linux

EDUCATION

Chhattisgarh Swami Vivekananda Technical University, Bilai

Bachelor of Technology in Computer Science Engineering, Nov. 2021 – Nov 2025

Coursework: Operating Systems, Computer Networking, DBMS, DSA

Achievement's:

- Secured 9th position in the inter-college Code-a-thon at Chouksey Engineering College, Bilaspur, among 200+ competitors, demonstrating expertise in data structures, algorithms, and time-complexity optimization.
- Achieved 3rd place in the highly competitive CodeNova Coding Competition at LCIT, Bilaspur, outperforming 100+ participants in algorithmic problem-solving and optimizing code efficiency

PROJECTS

AI Powered Chat Assistant

Next.js, Flask, PostgreSQL, SQLAlchemy, Gemini API

- Developed an interactive AI chatbot using Next.js for the frontend and Flask for the backend, allowing users to initiate and manage multiple chat sessions with real-time responses.
- Integrated Gemini API to handle high-demand usage, supporting up to 100 concurrent users with a latency of under 150ms per message, providing a seamless chat experience.
- Designed an intuitive, responsive interface using Next.js, reducing page load time by 45% and enabling users to quickly navigate between chats in under 2 seconds.
- Implemented a user authentication system using PostgreSQL to handle user registration, login, and secure session management using JWT, with support for storing and organizing chat history for each user.

Proxy Server with LRU Cache

C++, Linux, Windows API, JMeter

- Engineered a robust multi-threaded proxy server utilizing sockets and semaphores for process synchronization, achieving a 25% improvement in server response time under high-volume web traffic.
- Implemented an LRU (Least Recently Used) caching mechanism to store and efficiently retrieve previously visited websites, reducing external HTTP requests and boosting performance.
- Gained hands-on experience with sockets, semaphores, file I/O, and HTTP request parsing, enhancing proficiency in concurrent programming and networking fundamentals.

Crypto Screener Application

React.js, Tailwind CSS, Vite, Coingecko

- Developed a performant Crypto Screener Application using React.js and Tailwind CSS for a modern, responsive UI, fetching real-time cryptocurrency data from the Coingecko API
- Developed a feature that enables users to filter cryptocurrency data in real-time, enhancing user experience by providing 8 distinct sorting options without delays during peak usage periods