






AYUSH SHAH

Full-Stack Developer | Web3 Explorer

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Summary

Motivated Computer Science student focused on full-stack development and building reliable, privacy-minded applications. Experienced with React/Next.js, TypeScript, backend APIs, and databases. Currently exploring Solana & Anchor for Web3 development.

Education

Pursuing B.Tech in Computer Science and Engineering

Keshav Memorial College of Engineering, Hyderabad, Telangana



Expected Graduation: 2028

Technical Skills

Languages	TypeScript, JavaScript, Python, Java, C/C++, Rust, Lua, Bash
Frameworks	React (Next.js), Express, Flask, Flutter, Actix Web, Rocket
Databases & Tools	PostgreSQL, MySQL, MongoDB, Redis, Kafka, Docker, Git, Prisma, Prometheus, Grafana, Loki
Cloud / DevOps	AWS (EC2, ECS, EKS, Lambda, S3), CloudWatch, DynamoDB, Nginx
Blockchain	Solana, Anchor

Selected Projects



Raven | Real-Time Chat Application

 GitHub  Live

Tech Stack: Next.js, WebSockets, REST API, PostgreSQL, Prisma, Turborepo

- Engineered a full-stack, real-time chat application combining WebSockets for instant messaging and REST APIs for enhanced reliability and persistent chat history.
- Designed a scalable architecture capable of supporting numerous concurrent users with efficient, real-time updates.



QuillWeave | Serverless Blogging Platform

 GitHub  Live

Tech Stack: React, Tailwind CSS, Cloudflare Workers (Hono), PostgreSQL

- Developed a Medium-style blogging platform using a serverless backend architecture with Cloudflare Workers for high performance and scalability.
- Implemented features for creating, reading, and managing blog posts with a clean, responsive user interface.

TS-Chess | Multiplayer & AI Web Chess Game

 GitHub  Live

Tech Stack: React, TypeScript, WebSockets, Chess.js, Stockfish.js

- Built a comprehensive web-based chess application featuring three distinct game modes: local two-player, online multiplayer via WebSockets, and an AI opponent powered by Stockfish.

Pwmgr | Client-Side Encrypted Password Manager



 GitHub

Tech Stack: React, Tailwind CSS, Chrome Extension API, LocalStorage

- Created a security-focused, Bitwarden-like password manager as a Chrome extension.

- Ensured user privacy by implementing client-side encryption for all stored credentials, operating entirely without external servers.

Telegram Bots | Automation & Utility Bots

 [GitHub](#)  [Live](#)

Tech Stack: `python-telegram-bot`, `Telethon`

- Developed and deployed multiple Telegram bots to automate various tasks, including user session management, game automation (Hexa), and currency exchange rate lookups.