Ajeet Singh

+91-79056-54316 | ajeet.personal.mail@gmail.com | linkedin.com/in/ajeetsinghprayag/ | /github.com/tech-fear

EDUCATION

Lovely Professional University, Punjab, IN	Sep 2022 – Present
B.Tech. in Computer Science and Engineering, **CGPA: 8.95**	
Maharishi Vidya Mandir, Praygraj, IN	Apr 2019 – Mar 2020
Intermediate Education, **78%**	
Allahabad Public School, Prayagraj, IN	Apr 2017 – Mar 2018
Matriculation, **88%**	

TECHNICAL SKILLS

Languages : Java, TypeScript, SQL, C++, C, Python, JavaScript

Frameworks and Tools : Node.js, Express.js, Django, React, NextJs, MongoDB, Linux

Specialties : Data Structures, Algorithms, Competitive Programming, Node.js Backend

PROJECTS

Granth Gyaan — NextJs_14, Cloudinary, Vercel, Tailwind — **Jan 2025 - Present**

A digital platform for accessing Hindu religious texts with a seamless reading experience.

- Architected a **highly responsive UI/UX**, accelerating page load speeds by **40%** and reducing bounce rates by **25%**.
- Engineered a **real-time, full-text search system** delivering results within **200ms**, boosting content accessibility.
- Acquired **100+** users in the first month, sustaining a daily active user (DAU) count of **50+**, demonstrating strong engagement.

HealthVibe — Python, Node.js, MongoDB — **Mar 2024 - May 2024**

A health recommendation engine that suggests personalized products based on allergy profiles.

- Developed a **robust authentication and authorization framework**, securing sensitive health data for **500+** registered users.
- Designed and optimized a **recommendation algorithm**, increasing product relevance by **35%** through AI-powered filtering.
- Integrated a **comprehensive database of US GOV. 10,000+ products**, enhancing personalization and expanding user choices.

Realtime Chat — Node.js, React, Socket.io, Express, JWT — **Jan 2024 - Feb 2024**

A real-time, end-to-end encrypted chat platform enabling seamless anonymous interactions.

- Implemented **enterprise-grade JWT authentication**, fortifying security for **100+** active users.
- Optimized **WebSocket protocol**, achieving sub-**100ms** message latency for ultra-responsive real-time conversations.
- Encrypted and stored **chat history** using advanced hashing techniques, ensuring privacy for **1000+** conversations.

CERTIFICATIONS

Advanced Distributed Systems - NPTEL	Nov 2024
Cloud Computing - NPTEL	Nov 2024
Software Engineering Job Simulation - JPMorgan Chase&Co.(Forage)	Apr 2024

ACHIEVEMENTS

Leetcode 500+ questions solved — 1700+ Max-rating

Codeforces 1278 rating