BIMLESH

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PROFILE SUMMARY

Full-stack engineer who builds fast, scalable, and deployment-ready systems. Experienced in real-time visualizations, multi-tenant SaaS, secure backend architectures, and high-traffic platforms using React, Next.js, Node.js, FastAPI, Redis, and Docker. Strong engineering instincts around performance optimization, caching, API design, and system architecture. Delivers end-to-end solutions independently with production-level quality.

EDUCATION

B.Tech in AI & DS, Guru Gobind Singh Indraprastha University, New Delhi (2022–2026)   *CGPA: 8.476*
CBSE Class XII, Smt. Misri Devi Gyan Niketan, New Delhi (2021)   *91.84%*
CBSE Class X, Adarsh Jain Dharmik Shiksha Sadan, New Delhi (2019)   *87.17%*

EXPERIENCE

Government of India — *Software Developer Intern*   *June 2025 — September 2025*
New Delhi

– Developed a GIS-based ENC Viewer using React.js and Leaflet.js, reducing map rendering latency by 40% and significantly improving multi-layer chart navigation.
– Implemented local dataset rendering using Natural Earth files, enabling reliable ENC map access on restricted-networks and offline government systems.
– Integrated OGC-compliant WMS/WFS layers to enhance real-time chart visualization and significantly improve geospatial data interoperability.

PROJECTS

Secure Multi-LLM SaaS Platform   *Nov 2025 — Ongoing*

– Developed a secure multi-LLM SaaS platform with FastAPI and spaCy-driven data sanitization, ensuring safe prompt processing across organizations and distributed systems.
– Built a scalable multi-tenant architecture using Auth0 (RBAC), MongoDB Atlas for logs and knowledge bases, and a Next.js + Zustand (State Management) for chat interface.
– Integrated Gemini API with LangChain pipelines to enable customizable AI workflows and retrieval-augmented generation.
– Tech Stack: Next.js, Express.js, FastAPI, MongoDB Atlas, Redis, FAISS, Auth0, LangChain, Gemini API

StockBubbles.net | Real-Time Market Visualization Platform   *Oct 2025 — Nov 2025*

– Built a real-time stock-market visualization platform using dynamic bubble charts with performance-based sizing and coloring, backed by Express.js APIs.
– Integrated multiple Indian indices with smooth dataset switching, powered by MongoDB Atlas + Redis caching for low-latency data delivery.
– Added customizable visual controls (bubble metrics, color schemes, benchmark comparisons) and optimized rendering for large datasets.
– Implemented data pipelines with caching, throttling, cron jobs, and deployed the platform on a VPS using Docker and CI/CD workflows.

Smart Delhi Ideathon 2025 Web Portal   *Dec 2024 — Feb 2025*

– Built a scalable Next.js event portal capable of handling high-traffic spikes from over 5,000 participants accessing registrations and project submissions.
– Developed a responsive event website interface using 15+ reusable Next.js components, improving development speed and UX consistency by 30%.
– Designed a secure SQL-backed system to process 5,000+ registrations and project submissions with strong validation and data-integrity workflows.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C++, Go, SQL
Frontend: React.js, Next.js, Redux, Tailwind CSS
Backend & Tools: Node.js, Express.js, REST APIs, Cron Jobs, Git, GitHub, Postman
Databases: MongoDB Atlas, PostgreSQL, Redis (Caching & Queues)
Cloud & DevOps: Docker, CI/CD Pipelines, VPS Deployment, AWS S3, Vercel
Core Skills: Data Structures & Algorithms, System Design, Performance Optimization, Authentication & Authorization

ACHIEVEMENTS

● **MLH Track Winner** — HackCBS 8.0 (2025) ● **Top 10** — GSMA Gateway (2025) ● **SIH Finalist** (2024, PS: 1682)