

SHUBHAM

New Delhi

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Education

Guru Gobind Singh Indraprastha University

Bachelor of Technology - BTech

2023 – 2027

New Delhi, Delhi

Experience

Criv Media

Jun 2025 – Dec 2025

Full Stack Developer

New Delhi, Delhi

- Built Employee Manager Final, a comprehensive workforce platform designed to streamline attendance, expenses, and payroll operations.
- Developed cross-platform applications for both employees and administrators utilizing Flutter, Next.js, and TypeScript.
- Implemented Supabase authentication, designed PostgreSQL data models, and integrated real-time updates with deployment-ready workflows.

Projects

Aegis | 🌐 🌐

Sep 2026

Python, FastAPI, Next.js, TypeScript, Docker, MCP

- Built a runtime security platform for AI agents, implementing deterministic policy enforcement, risk assessment, permission management, human-in-the-loop approvals, and audit logging to prevent unauthorized tool actions.
- Integrated an MCP security gateway, Python SDK, and VS Code extension with a Next.js security dashboard for real-time threat monitoring, policy management, approval workflows, and attack simulation.

Urban Policy Simulation | 🌐 🌐

Jun 2026

Python, TypeScript, Docker, AI

- Developed a full-stack simulation platform using Python and TypeScript to model and evaluate the impacts of urban policy decisions prior to implementation.
- Engineered an AI-integrated backend with agent-based modeling and interactive web visualizations to assist planners in scenario testing and data analysis.

chessio | 🌐 🌐

Mar 2026

JavaScript, WebAssembly, HTML/CSS

- Engineered a Manifest V3 Chrome extension providing real-time chess analysis via a bundled, locally executing WebAssembly (WASM) Stockfish engine.
- Implemented live DOM scraping to construct FEN strings and developed an isolated Shadow DOM UI for interactive evaluations, utilizing the Chrome Offscreen API for robust background processing.

Technical Skills

Languages: TypeScript, JavaScript, Python, C++, Java, SQL, HTML/CSS, WebAssembly

Frontend & UI: Next.js (App Router), React, Tailwind CSS, Flutter, Framer Motion, ReactFlow

Backend & APIs: Node.js, RESTful APIs, Streaming APIs, Server Components, Middleware

Cloud & Deployment: Google Cloud Platform (GCP), Vercel

DevOps & Tooling: Docker, GitHub Workflows, Git

AI & Data Systems: Google Gemini API, RAG pipelines, Vector Embeddings, Semantic Search, GANs

Databases & Auth: PostgreSQL, Supabase (Auth, RLS, Realtime), Prisma ORM

Leadership / Extracurricular

APAC Predator League 2026

Jan 2026

Coach Administrator

Bharat Mandapam, New Delhi

- Served as a Coach Administrator, managing tournament operations and coordinating closely with international players and coaches from various countries arriving in India.
- Upheld strict competitive integrity, enforced rule regulations to ensure absolute fairness, and fostered a high-standard professional ecosystem for all global participants.

Vlr.Vortex 2.0

Feb 2026

Lead Organizer

ADGPIS, New Delhi

- Orchestrated an intercollege Valorant esports tournament, successfully managing registration, bracketing, and live match scheduling for approximately 200 participants.
- Directed tournament logistics, enforced competitive rulesets, and oversaw technical operations to deliver a seamless and engaging competitive experience.