

Shubh Shrivastava

+91-8109008747 | shubhshrivastavawork@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [LeetCode](#)

EXPERIENCE

Software Developer | [Live Portal](#)

Jan 2026 – Present

DcRP, Manipal University Jaipur

Hybrid

- Architected and led full-stack development of a university-wide Graduate Outcome Record Portal managing data of 4,000+ students with a Nextjs dashboard featuring real-time placement analytics and data visualization.
- Engineered secure multi-tenant application using Next.js and Go/Gin with raw PostgreSQL; implemented JWT-based Role-Based Access Control (RBAC) across 5+ user tiers, self-hosted on private network infrastructure with zero security incidents reported.

Founding Engineer | [Website](#)

Nov 2025 – May 2026

NodeMonks

Remote

- Co-architected MVP from ground up across 3 system design iterations; established SDLC practices, code review workflows, and integrated AI driven development into the pipeline.
- Engineered scalable RESTful APIs with Express.js featuring granular RBAC authorization, normalized relational database schema, and backend infrastructure capable of handling concurrent distributed proxy requests; integrated Razorpay payment gateway for end-to-end transaction processing.

Software Developer Intern | [Certificate](#)

May 2025 – July 2025

DoTech Technologies

Remote

- Contributed to a full-stack lead generation platform using React, Node.js, and MongoDB processing 500+ daily queries; improved lead conversion 10% via optimized form validation and automated email workflows.

Full Stack Developer Intern | [Certificate](#)

March 2025 – May 2025

InfoTact Solutions

Remote

- Designed JWT authentication system with RBAC reducing unauthorized access by 95%; optimized MongoDB aggregation queries cutting average API response latency from 800ms to 180ms, a 77% performance improvement.

PROJECTS

Graduate Outcome Record Portal | *Nextjs, TypeScript, Go/Gin, PostgreSQL, Tailwind CSS* | [Live](#)

- Developed a full-stack university placement data management portal with automated bulk CSV ingestion pipeline, and role-segregated dashboards for Admin, TPO, and Student tiers; enabled real-time graduate outcome analytics across 10+ academic departments.

Feedbot | *FastAPI, Nextjs, Redis, Docker* | [Github](#)

- Engineered a brand perception analysis system using custom-trained LSTM+Transformer architecture with FastAPI backend and Next.js frontend; staged deployment on AWS with Docker achieving 0.83 F1 score on dataset with 1.6 million tweets.

MUJKite | *React, TypeScript, TanStack Query, Docker* | [Live](#)

- Led frontend architecture and co-led project delivery, developing role-based dashboards to centralize placement and recruitment workflows; integrated REST APIs, implemented protected routing and route-level code splitting, and staged the platform for beta launch using Docker and Nginx.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Go (Golang), SQL, Python, HTML5, CSS3

Frontend: React.js, Next.js, Tailwind CSS, shadcn/ui, Zustand, Zod, Tanstack Query

Backend & Testing: Node.js, Express.js, Go/Gin, FastAPI, REST APIs, WebSockets, JWT, Vitest

Databases & Caching: PostgreSQL, MySQL, MongoDB, Redis, Supabase

DevOps & Cloud: Git, Docker, AWS (EC2, S3, Lightsail), GitHub Actions (CI/CD), Vercel, Render

AI : Ollama, Opencode, Github Copilot, Cursor, Emergent

CS Fundamentals: Data Structures & Algorithms (140+ LeetCode), System Design, OOPs, Agile/Scrum, SDLC

EDUCATION

Manipal University Jaipur

B.Tech in Computer Science Engineering – IoT & Intelligent Systems

Jaipur, Rajasthan

Aug 2023 – Aug 2027