ATUL PAL

📍 Delhi, India ✉ atul07pal@gmail.com 📞 082874 66186 🔗 atulpal02 ⌨ atulpal02

Profile Summary

Final-year B.Tech student at NSUT with strong foundations in Data Structures, Algorithms, and System Design. Proficient in C++, Python, and JavaScript, with hands-on experience in MERN and Next.js development. Skilled in AWS and Docker for deploying scalable, cloud-native applications. Experienced in building REST APIs, distributed systems, and secure backend architectures. Currently learning Machine Learning to integrate AI-driven solutions into modern software systems..

Experience

SDE Intern *Delhi, India*
EliteTech *Mar 2025 – Apr 2025*
- Developed and deployed 4 full-stack web applications using React, Node.js, Express, and MongoDB, serving 1,000+ test users with secure auth, real-time features, and responsive UIs.

Projects

TalentBoard - A Job Portal application
- Delivered an interactive, scalable job portal that streamlined the hiring and application process while deepening understanding of full-stack development, authentication systems, and role-based architecture.
- Dual-user system that has Separate dashboards for recruiters and applicants.Improving job–candidate matching efficiency by 40% through a skills-based recommendation system.(on GitHub)

Shrink - URL shortner application
- Built a clean and responsive front-end interface with JavaScript.Used Supabase Auth for secure user authentication.Integrated QR code generation for easy link sharing.Managed and stored user URLs using Supabase PostgreSQL database.
- Improved link sharing efficiency and user accessibility through QR-based navigation. Strengthened understanding of Supabase backend integration and JavaScript-based full-stack workflows.(on GitHub)

Skills

Programming & CS Fundamentals: C++, JavaScript , Object-Oriented Programming (OOP), Data Structures & Algorithms, Design Patterns, Operating System Concepts, Database Management Systems (DBMS), Computer Networks

Development: HTML5, CSS, JavaScript, React.js, Tailwind CSS, Redis, Node.js, Express.js,Responsive Web Design, Component-Based Architecture, RESTful API, Authentication & Authorization (JWT)

Databases: MongoDB, AWS, Supabase, SQL,Database Optimization, Indexing, Query Optimization

Testing & Tools: Jest, Git, GitHub, Jira, API Security, HTTPS

Education

Netaji Subhas University of Technology *Delhi, India*
B Tech in Electronics and Communication *Sept 2022 – present*

BM Bharti Model School *Delhi, India*
CLASS XII in CBSE *Mar 2021*
- GPA: 8.5/10

BM Bharti Model School *Delhi, India*
CLASS X in CBSE *Mar 2019*
- GPA: 9.4/10

Extracurricular Activities

- Facilitated peer learning by sharing technical insights and project experiences on LinkedIn and academic forums, fostering a culture of collaborative learning and professional growth.
- Served as Internshala Campus Ambassador (NSUT) — organized outreach campaigns reaching 1,500+ students through social media, WhatsApp, and campus sessions to promote internships and skill development.
- Active competitive programmer on Codeforces and LeetCode with 300+ strengthening algorithmic and problem-solving skills.
- Earned multiple Coursera certifications in software development and emerging technologies.(on LinkedIn)