

Shobhit Tiwari

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EDUCATION

Delhi Technological University (formerly DCE) <i>Bachelor of Technology in Chemical Engineering</i>	Oct 2022 – May 2026 CGPA 9.17
MRL Senior Secondary School <i>Class XII in PCM+CS</i>	Apr 2020 – Jul 2021 Percentage 93.6

EXPERIENCE

SWE Intern <i>InsideLLM</i>	Feb 2025 – Jun 2025 <i>Remote</i>
<ul style="list-style-type: none">Implemented Redis caching in a Node.js, and TypeScript backend, enhancing API performance by 30% .Optimized PostgreSQL database schemas and queries, achieving a 40% reduction in response time .Monitored API performance using Artillery and Locust, resolving bottlenecks to improve throughput by 25% .Containerized applications using Docker, optimizing image size and container setup across multiple servers .	
SDE Intern <i>Muterra, Hive Blockchain</i>	Aug 2024 – Dec 2024 <i>Remote</i>
<ul style="list-style-type: none">Optimized GraphQL queries and mutations, improving data retrieval and update speeds by 35% .Automated report batch processing and generation using cron jobs, delivering 100+ weekly reports .Enhanced MongoDB query performance by using transactions and atomic operators for fast response time.	
Full Stack Developer Intern <i>Seequenze Technology</i>	Apr 2024 – Jun 2024 <i>Noida , UP</i>
<ul style="list-style-type: none">Enhanced product functionality with AWS, PostgreSQL, TypeScript, and Jenkins for CI/CD, supporting over 15 contributions and resolved 10+ bugs monthly, and implementing a Figma tree .Optimized AWS DynamoDB queries, increasing API fetch efficiency by 30% and reducing server costs .	

PROJECTS

NoteDev <i>Firebase, Google OAuth, Typescript, MongoDB, Vite, Express, Shadcn, DaisyUI</i>	Website Code
<ul style="list-style-type: none">Constructed a note-taking and organization app with 7+ features such as folders, tagging, and search features.Ensured user authentication and protected routes using Google OAuth APIs with Firebase, increasing authentication speed by 80%.	
Previewer <i>Octokit, Github OAuth, Gemini Flash, Typescript, Vite, Express, Radix UI</i>	Website Code
<ul style="list-style-type: none">Enhanced PR analysis efficiency by 70% using Gemini 1.5 Flash Model, with in-platform commenting.Minimized security vulnerabilities by 60% through AES-256 encryption and CryptoJS-secured token storage.	

POSITION OF RESPONSIBILITY

DTU Times <i>Associate Developer</i>	<ul style="list-style-type: none">Served as a TypeScript Developer for DTU's official newsletter and media platform, resolving 10+ bugs.
Google Developers Students Club DTU <i>Web Developer</i>	<ul style="list-style-type: none">Contributed as a developer for GDSC DTU, participated in 3+ events, including GenAI study jams.
DTU consulting group <i>Project Lead</i>	<ul style="list-style-type: none">Led a team of 5 developers on a venue booking system project, managed the DCG's official website.

TECHNICAL SKILLS

Languages: C/C++, JavaScript, TypeScript, Python, SQL
Development: React.js, Vite.js, Next.js, React Native, Redux, Zustand, Tailwind, Shadcn, AntD, Express, Node, Websockets, MongoDB, PostgreSQL, MySQL, JWT Auth, OAuth, REST, GraphQL, Redis, Jest
Tools and Technology: Git/GitHub, Docker, AWS, Jenkins, Vercel, Netlify, Render, Railway, Digital Ocean, Artillery
CS Fundamentals: Data Structures, Algorithms, OOPS, DBMS, Software Engineering

ACHIEVEMENTS

Dept. Rank 3 Chemical Engineering Batch 2026	8 Times Hackathon winner and 3 Times Finalist
Winner Vihaan 007 Hackathon (Blockchain Track)	Winner Hack with India (Hive Track)
Winner Hacknovate 5.0 (Blockchain Track)	Winner Sinusoid v8 CodeHive
Second Runner Up Hacker House Goa	Winner LNM Hacks 7.0 (Aptos Track)
Academic Scholarship Pramod and Vinod Sood Scholarship	Bounty Winner Based India