

TUSHAR BHARDWAJ

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Profile

Computer Science Engineering student specializing in AI and Full-Stack Development (MERN, Next.js). Maintained **1,200+ GitHub contributions** while founding high-scale academic platforms and deploying production SaaS tools serving **30,000+ users**. Focused on system performance, technical leadership, and cloud infrastructure.

Experience

Noteboat

Founder & Lead Engineer | noteboat.store

Remote / Academic Platform

Aug 2025 – Present

- Founded and scaled an academic platform serving **12,000+ active students** across 50+ colleges, supporting **2,000+ concurrent live visitors**.
- Spearheaded product roadmap planning and architecture, managing cross-functional student teams and code reviews.
- Built core document exchange workflows to solve file sharing bottlenecks, driving user acquisition and daily engagement.

Airtel Center (Xtelify Ltd.)

Software Engineering Intern | xtelify.com

Gurugram, India

Jun 2026 – Jul 2026

- Architected an enterprise AI-driven network telemetry platform using FastAPI, React.js, Telegraf, Prometheus, and Grafana.
- Developed a multi-VRF BGP collector service and gNMI streaming engine, streamlining device onboarding via CSV ingestion pipelines.
- Configured 15-second Prometheus alert rules and real-time Telegram incident alerting for route withdrawals and session drops.

SuperManager AGI

Web Development Intern | supermanager.co

Remote

Nov 2025 – Mar 2026

- Developed 10+ responsive frontend modules using React and Tailwind CSS, improving mobile responsiveness scores by 25% based on Lighthouse audits.
- Optimized website assets and implemented code-splitting, resulting in a **40% faster First Contentful Paint (FCP)**.
- Constructed modular, reusable UI components from Figma designs, ensuring 100% design fidelity across enterprise-facing pages.
- Programmed content synchronization by integrating real-time API feeds, reducing manual data management effort by 15 hours monthly.

Projects

Noteboat Engine & Infrastructure

Next.js 16, TypeScript, Node.js, Express, MongoDB, Socket.IO, Tailwind | noteboat.store

Academic Platform

Aug 2025 – Present

- Engineered database optimizations that boosted query performance by **5x** using Mongoose `.lean()` execution, compound indexing, and Gzip compression.
- Re-architected user management with a paginated 50-item batching pipeline, cutting initial JSON payload sizes and UI render times by **80%**.
- Implemented a real-time notification engine via WebSockets, achieving **sub-200ms message delivery** for academic alerts.

UPTAC Counselling Predictor (v2.0)

Next.js, Node.js, Express, MongoDB | uptac-pro.vercel.app

SaaS Platform

Aug 2025

- Deployed a full-stack SaaS platform that processed **16,000+ server requests** and reached **30,000+ unique visitors** within 30 days.
- Migrated data from static JSON to MongoDB, increasing search and filtering performance for **2,000+ students** by 50%.
- Integrated automated CSV data exports and analytics dashboards using Recharts for data-driven admission decisions.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Python, C++, C (Data Structures)

Frameworks: MERN Stack, Next.js, React, Node.js, Express, Tailwind CSS, Bootstrap

Cloud/Backend: Supabase, AWS (EC2, S3), REST APIs, WebSockets, PostgreSQL, Redis, Prometheus, Grafana

Tools: Git/GitHub (**1,200+ Contributions**), Postman, Render, Vercel, Netlify, VS Code

Education

KIET Group of Institutions

B.Tech in Computer Science and Engineering (Artificial Intelligence)

Ghaziabad, India

2024 – Ongoing

Class 12th (CBSE) – PCM with Computer Science: **94%**

2024

Class 10th (CBSE) – Science and Math: **95.4%**

2022

Certifications

- AWS Certified Cloud Practitioner | Amazon Web Services

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