

# ADARSH TIWARI

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## Education

### KIET Group of Institutions

Bachelor of Technology in Computer Science, CGPA: 8.5/10

2022 – 2026

Ghaziabad, India

### Shivaji Group of Institutions, Keshav Nagar

Class XII (PCM) – 80%

2022

Kanpur, India

### GPRP Education Centre

Class X – 90%

2020

Kanpur, India

## Technical Skills

**Languages:** JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3

**Frontend:** React.js, Next.js, Tailwind CSS, Redux, REST APIs, WebSockets

**Backend:** Node.js, Express.js, Prisma ORM, JWT, OAuth 2.0, RBAC

**Databases:** PostgreSQL, MongoDB, Redis (Pub/Sub, Caching)

**Cloud & DevOps:** AWS (EC2, S3, RDS), Docker, Git, GitHub Actions, Jira, Agile/Scrum

## Experience

### Opernova Technologies LLP

Full Stack Engineer

Jan 2026 – Mar 2026

Ghaziabad, India

- Designed and implemented RESTful APIs with modular architecture handling 10,000+ requests/day, achieving sub-200ms response times and 99.9% uptime.
- Optimized server-side rendering (SSR) pipelines and reusable React components, reducing page load time by ~40% and improving SEO rankings across 5+ pages.

### Mouse & Cheese

Web Developer

Aug 2025 – Dec 2025

Noida, India

- Crafted responsive, pixel-perfect UIs using React.js, Next.js, and Tailwind CSS, serving 1,000+ active users with cross-browser compatibility across 6+ browsers.
- Reduced frontend bundle size and improved Lighthouse performance score by ~35% via lazy loading, code splitting, and efficient Redux state management.

### Agile Growth Tech

Full Stack Developer

Jan 2025 – May 2025

Delhi-NCR, India

- Developed 4 ERP modules using Next.js, Node.js, Prisma ORM, PostgreSQL, and AWS, supporting multi-department workflows for 500+ internal users.
- Delivered 15+ features in Agile sprints using Git and Jira, improving team release efficiency by ~20% and maintaining a 95% sprint completion rate.

## Projects

**CheeseTalk** | React.js, Node.js, MongoDB, Tailwind CSS, JWT, OAuth 2.0

- Engineered a full-stack blogging platform for 1,000+ users with JWT and Google OAuth 2.0 authentication, achieving zero reported auth vulnerabilities post-launch.
- Developed nested comment threads, real-time notifications, and an analytics dashboard that increased user engagement metrics by ~50%.

**QuizBee** | Next.js, Node.js, Redis Pub/Sub, PostgreSQL, WebSockets, Prisma ORM

- Architected a real-time quiz platform supporting 5,000+ concurrent users via WebSocket connections and Redis Pub/Sub event broadcasting with sub-100ms latency.
- Built an event-driven leaderboard system delivering live score updates and real-time quiz synchronization with consistent delivery SLA across all sessions.
- Implemented secure backend with Prisma ORM, PostgreSQL, JWT authentication, and RBAC serving 3 distinct user permission levels.

**AI-Based Grievance Management System** | Next.js, Node.js, PostgreSQL, Gemini API | Team Lead

- Led a 4-member team to deliver an AI-powered grievance platform improving complaint routing accuracy by ~60% via NLP-based classification using Gemini API.
- Architected end-to-end system design including role-specific dashboards, automated routing logic, and real-time complaint tracking with full status history.
- Reduced average complaint resolution time by ~45% by eliminating manual categorization through automated Gemini API classification pipelines.

## Achievements & Certifications

- LeetCode Knight – ranked in the top 5% globally with 600+ DSA problems solved across LeetCode, GeeksforGeeks, and CodeChef.
- AWS Certified Cloud Practitioner – validated expertise in AWS core services, cloud architecture, and deployment best practices.
- Web Lead & Mentor – guided 200+ students in web development, conducting 10+ workshops on React.js and Node.js.
- Open Source Contributor – maintained GitHub repositories with 50+ stars; consistent contribution streak of 180+ days.