

# Shashank Mishra

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## EDUCATION

**Bhilai Institute of Technology, Durg**  
*B.Tech in Computer Science and Engineering*

Sep 2022 – Present  
CGPA: 8.9 / 10

## EXPERIENCE

**Innodeed Systems Pvt. Ltd.**

May 2025 – Jun 2025

*Software Engineer Intern*

*Hybrid*

- Built and deployed 12+ RESTful APIs powering a healthcare web platform that unified 50+ clinics under a single interface
- Improved appointment booking efficiency by 30% through optimized database queries and API response handling
- Designed secure authentication and data management modules supporting 500+ active user sessions with zero reported downtime during testing

**Aon Digicon**

May 2024 – Jun 2024

*Web Developer Intern*

*On-site*

- Co-developed CarSahayak (e-commerce for car services) targeting 10k+ users; delivered 15+ responsive Bootstrap components to accelerate feature delivery by 30%.
- Refactored MongoDB schema and added targeted indexes, decreasing data retrieval time by 60% on high-traffic endpoints.
- Collaborated with UI/UX team to improve overall platform usability, leading to a 25% increase in session duration.

## PROJECTS

**BrainCache** | *TypeScript, React.js, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, Vercel*

[link](#)

- Built a production-grade full-stack content management platform handling 500+ items across multiple social platforms, with real-time synchronization and 90% uptime on Vercel.
- Engineered secure REST APIs with JWT authentication, middleware authorization, and 15+ protected routes delivering sub-200ms latency under concurrent load.
- Designed an intelligent multi-filter tagging and shareable content system that optimized retrieval time by 60%, significantly enhancing user engagement and content accessibility.

**CourseStack - eLearning platform** | *React.js, Node.js, Express.js, MongoDB, Tailwind CSS*

[link](#)

- Developed a full-stack course management platform enabling users to browse, enroll, and manage learning content with real-time state synchronization, achieving 90% uptime and seamless UX across web sessions.
- Optimized database queries and API response structure, enabling 1,000+ concurrent requests with <250ms response time and improving server performance through indexing and caching strategies.
- Built dynamic course creation, enrollment workflows, and progress tracking with modular service architecture, enabling scalable feature extensions and improving system maintainability by 40%.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, C++, Python

**Database:** SQL (Postgres), NoSQL (MongoDB)

**Frameworks:** React.js, Next.js, Django, Node.js, Express.js, Bootstrap, Tailwind CSS

**DevOps & Deployment:** AWS (EC2), Process Management, CI/CD Pipelines, Vercel, Render

**Developer Tools:** Git, GitHub, VS Code, Postman, MongoDB Compass, Figma, RESTful APIs

## ACHIEVEMENTS & LEADERSHIP

**100DaysOfCode**

Ongoing

*Self-Learning Initiative*

- Solved 100+ DSA problems in C++ and engineered 4+ full-stack web applications from scratch.

**Campus Director — Hult Prize BIT Durg**

Apr 2024 – May 2025

*Leadership Role*

- Led Hult Prize On-Campus Challenge with 100+ participants; hosted 3+ high-impact pre-events and collaborated with 4+ sponsors.