

SHASHANK MISHRA

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EDUCATION

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

CPI: 8.9
Sep 2022 - Present

EXPERIENCE

Innodeed Systems Software Engineer Intern	May 2025 – Jun 2025
• Built and deployed 12+ RESTful APIs powering a healthcare web platform that unified 50+ clinics under a single interface	Hybrid
• 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 Web Developer Intern	May 2024 – Jun 2024
• Co-developed CarSahayak (e-commerce for car services) targeting 10k+ users; delivered 15+ responsive Bootstrap components to accelerate feature delivery by 30%.	On-site
• 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

AchievR - Digital Student Achievement Verification Platform <i>React.js, Node.js, Express.js, Gemini, MongoDB, Tailwind CSS</i>	
• Developed a full-stack achievement verification platform with 3 role-based dashboards (Student, Faculty, Admin), AI-powered fraud detection via Google Gemini API (92% accuracy), and automated QR-based certificate generation reducing manual verification time by 73%	
• Built 15+ secure RESTful APIs with JWT authentication and integrated Multer + Cloudinary for file uploads (50MB support), SendGrid for automated email workflows, and optimized MongoDB queries achieving 1200ms response time for 10,000+ daily requests	
BrainCache <i>TypeScript, React.js, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, Vercel</i>	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 <i>React.js, Node.js, Express.js, MongoDB, Tailwind CSS</i>	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	
• 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, HTML, CSS

Database: SQL (Postgres), NoSQL (MongoDB)

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

DevOps & Deployment: AWS (EC2), PM2, CI/CD Pipelines, Vercel, Render

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

EXTRACURRICULAR

Campus Director — Hult Prize, BIT Durg	Apr 2024 – May 2025
Led on-campus challenge with 100+ participants; organized 3+ pre-events, collaborated with 4+ sponsors, and coordinated cross-functional teams.	
Secretary & Finance Head — TechnoHub, BIT Durg	Sep 2023 – Jun 2025
Managed club operations, budgeting, and event finances while coordinating technical events, fostering collaboration, and enhancing student participation in tech initiatives.	

ACHIEVEMENTS

Grand Finalist – HackOMania 2025: National Level Hackathon (SSPU Bhilai & IIT Bhilai IBITF)

Ranked 9th in CSE Branch: Consistently maintained a strong academic record with a CPI of 8.9, reflecting dedication and technical proficiency.