SHASHANK MISHRA

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EDUCATION

Bhilai Institute of Technology Durg — CGPA: 8.9
B.Tech in Computer Science and Engineering — Sep 2022 - Present

EXPERIENCE

Innodeed Systems — 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

AchievR | *React.js, Node.js, Express.js, Gemini, MongoDB, Tailwind CSS* — [link](#)
- Developed a full-stack Digital Student 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 $< 200ms$ response time for 10,000+ daily requests

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 | *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
- 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
Frontend: React.js, Next.js, Tailwind CSS, Bootstrap
Backend: Node.js, Express.js, Flask, Django, FastAPI, WebSockets
Database: PostgreSQL, MongoDB
DevOps & Tools: Docker, Containerization, Scaling, AWS (EC2, S3), PM2, CI/CD, Nginx, Git, GitHub, Postman, Figma, Vercel, Render

EXTRACURRICULAR

Campus Director — Hult Prize, Bhilai Institute Of Technology Durg — *Apr 2024 – May 2025*
Led the Hult Prize challenge with 100+ participants; executed 3+ pre-events, onboarded 4+ sponsors, and guided cross-functional teams of 38 members.

ACHIEVEMENTS

Winner – Hack the Cosmos Hackathon (2025): Ranked 1st in a 6-hour rapid development challenge at BIT Durg across teams
Grand Finalist – HackOMania (2025): Led 4-member team in 24-hour National-Level Hackathon | Competed among 180+ teams and advanced to grand finals
Ranked 9th in CSE Branch: Maintained 8.9 CGPA demonstrating consistent academic excellence & deep subject understanding