Akshat Mishra

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Education

VIT Bhopal University 📅 **Nov. 2022 – Oct. 2026**
Bachelor of Technology in Computer Science *Sehore, Madhya Pradesh*
CGPA: 8.53

Sir Padampat Singhania Education Centre 📅 **2022**
Higher Secondary *Kanpur, Uttar Pradesh*
Percentage: 85.4%

Sir Padampat Singhania Education Centre 📅 **2020**
Secondary *Kanpur, Uttar Pradesh*
Percentage: 91.8%

Technical Skills

Languages: Java, Python

Technologies: HTML, CSS, JavaScript, Git, Node.js

Frameworks: React, Redux, Next.js, Bootstrap, Tailwind CSS

Tools: VS Code, GitHub, Postman

Projects

PrepWise/ *Next.js, React, TypeScript, Firebase, AI SDK, Tailwind CSS*/ ⚙ Link / Demo **April 2025**
- Engineered an AI-driven interview preparation platform using Vapi AI, enabling real-time voice interactions and custom feedback improved candidate engagement by 60%.
- Designed scalable architecture with TypeScript and server-side rendering, boosting SEO score by 30% and reducing load time by 40%
- Integrated Firebase for persistent state management and user progress tracking, supporting 100+ sessions/week.
- Conducted usability testing with 15+ users and implemented UI/UX improvements that reduced user drop-off rate by 25%.

Imagify / *React, Node.js, MongoDB, Express, Context API, Vite* / ⚙ Link / Demo **February 2025**
- Created a full-stack image processing app handling 500+ images/month, using credit-based authentication and non-blocking Node.js workflows.
- Increased backend efficiency by 50% using optimized RESTful API design; implemented role-based routing and reusable React components.
- Achieved 95% mobile responsiveness and improved UI speed by 35% using Vite and Tailwind CSS.
- Developed credits dashboard for users to monitor usage and purchase plans, increasing subscription conversion by 20%.

Job Portal / *React, Node.js, MongoDB, JWT, Cloudinary, Redux Toolkit* / ⚙ Link / Demo **October 2024**
- Deployed a job portal handling 100+ user registrations and 50+ job postings, with secure JWT-based access control.
- Managed file uploads using Cloudinary & Multer, reducing user upload errors by 70%.
- Enhanced data handling efficiency with Redux Toolkit and prepared a modular REST API using MVC, ensuring scalability to 2,000+ records.
- Integrated real-time notifications for job applications and interview updates using WebSockets, enhancing user engagement by 30%.

Achievements

- **Finalist (Top 9/500+) –** Summer CodeFest Hackathon by GSoC Innovators Club
- **Finalist –** Internal Round, Smart India Hackathon 2024.   Link
- **3rd Place** – CodeX by CISCO (AdVITya 2024).   Link
- Solved 500+ Data Structure and Algorithm Problems across Leetcode and GeeksForGeeks Platform.