Ishan Amrit Srivastava

ishanamritsrivastava2006@gmail.com   +91 7579986480   LinkedIn   GitHub

EDUCATION

VIT Bhopal University, Bhopal, Madhya Pradesh   Expected May 2026
B.Tech in Computer Science   CGPA: **8.52 / 10**

Relevant Coursework: Data Structures & Algorithms, Database Systems, Operating Systems, Computer Networks

TECHNICAL SKILLS

Programming:	C++, Java, Python,JavaScript
Frontend:	React.js, Next.js, Tailwind CSS, Redux
Backend:	Node.js, Express.js, RESTful APIs, MongoDB, MySQL
Cloud & DevOps:	AWS, Render, Vercel, Cloudinary, CI/CD (GitHub Actions)
Testing & Tools:	Postman, Git, VS Code

PROJECTS

AI-Powered Interview Coach Platform   *(Full-Stack Web App – In Progress)*   *Sep 2025 – Present*
- Developing an AI-driven web platform that simulates technical interviews with 3 modules: coding, resume review, and mock interviews.
- Architected the backend using Node.js and Express.js to manage user sessions and question workflows.
- Designed MongoDB schemas for tracking user performance and generating interview reports.
- Building media handling and deployment pipeline; integrating Cloudinary and AWS for scalable storage.
- Hosted the frontend on **Vercel** and backend APIs on **Render** for testing and deployment.
  Tech Stack: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, JWT

Job Board Platform   *(Full-Stack Web App)*   *Jan 2025 – Mar 2025*
- Engineered a recruitment web portal supporting multi-role dashboards for recruiters and candidates.
- Crafted optimized MongoDB schemas and Express routes, achieving **40% faster query execution**.
- Automated media upload pipeline with Cloudinary SDK, enabling **100% async file handling**.
- Deployed complete stack on **Render** with CI/CD setup for consistent availability and fast updates.
- Integrated JWT-based authentication and role-based access, securing 100% of endpoints.
  Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, Cloudinary, Tailwind CSS

Breast Cancer Detection App   *(AI-Powered Mobile App)*   *Apr 2024 – Jun 2024*
- Built a Flutter app that predicts breast cancer likelihood using 3 different CNN model trained on medical datasets.
- Achieved approximately **90% model accuracy** with transfer learning using VGG16.
- Designed minimal UI/UX for faster user input and intuitive medical report visualization.
  Tech Stack: Flutter, Dart, CNN, VGG16

ACHIEVEMENTS

- Design Co-Lead, ELA – led visual design for 10+ campus events, increasing event engagement by **25%**.
- Solved **500+ DSA problems** across various coding platforms.

ADDITIONAL INFORMATION

- **Languages:** Hindi (Native), English (Fluent)
- **Interests:** System Design, Scalable Web Architecture, Cloud Infrastructure, AI-driven Automation