

# Ishan Amrit Srivastava

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## EDUCATION

VIT Bhopal University, Bhopal, Madhya Pradesh  
BTech in Computer Science

May 2026  
Cumulative GPA: **8.46**

## TECHNICAL SKILLS

- **Languages:** C++ , Java, Python, Dart, JavaScript, HTML, CSS
- **Frontend:** React.js, Tailwind CSS, Flutter, Redux, Bootstrap, shadcn/ui
- **Backend:** Node.js, Express.js, REST APIs, JWT, Stripe API, MySQL, MongoDB
- **Tools:** GitHub, VS Code, Firebase, Postman

## PROJECTS

### Job Board Platform *(Full-Stack Web App)*

Jan 2025 – Mar 2025

- Engineered a feature-rich MERN stack job platform that enabled more than 25+ users to apply and post jobs seamlessly.
- Designed and deployed RESTful APIs using Express.js, optimizing database interactions and reducing latency by 30%.
- Implemented secure JWT-based authentication with role-based access, ensuring 100% protection against unauthorized actions.
- Developed a responsive frontend using React.js and managed global state using Redux, enhancing session stability for 1000+ sessions.

*Technologies used: React.js, Redux, Node.js, Express.js, MongoDB, REST APIs*

### Full Stack E-Commerce Website *(Full-Stack Web App)*

Sep 2024 – Dec 2024

- Built a modular, responsive MERN e-commerce web app with real-time inventory and payments.
- Integrated Stripe for payments and JWT for user/admin access, handling 80%+ transactions with 0 payment failures.
- Optimized frontend state management using Redux + Context API and implemented lazy loading, improving load time by 40%.
- Architected a scalable and debuggable codebase using modular design patterns, reducing development time by 25%.

*Technologies used: React, Redux, Node.js, Express.js, MongoDB, JWT, Stripe, Tailwind CSS*

### Breast Cancer Detection App *(AI-Powered Mobile App)*

Apr 2024 – Jun 2024

- Developed a mobile-first Flutter application to predict breast cancer using CNN models with 88%+ classification accuracy.
- Integrated and fine-tuned VGG16, ResNet, and MobileNet models on Firebase backend, reducing diagnosis latency by 35%.
- Enhanced medical accessibility by 90% through cross-device compatibility and cloud synchronization features.
- Streamlined UX with minimalistic UI and lightweight architecture, increasing user retention by 50%.

*Technologies used: Flutter, Dart, Firebase, CNN, Deep Learning, MobileNet, ResNet, VGG16*

## OTHERS

### • Design Co-Lead, English Literary Association (ELA)

2024–2025

Designed event templates, posters, and social media posts for various literary events and workshops.

### • Languages Known: Hindi, English

### • Hobbies: Reading, Sketching, playing FPS games like Valorant