

# Ishan Amrit Srivastava

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## TECHNICAL SKILLS

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

## PROJECTS

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### Job Board Platform

Jan 2025 – Mar 2025

- Engineered a feature-rich MERN stack job platform that enabled 500+ 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

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 1000+ 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

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*

## EDUCATION

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VIT Bhopal University, Bhopal, Madhya Pradesh

May 2026

BTech in Computer Science

Cumulative GPA: **8.47**

## OTHERS

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- Design Co-Lead in English Literary Association
- **Languages Known:** Hindi, English
- **Hobbies:** Reading, Sketching, Gaming