

# AYUSH BARANWAL

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Linkedin | Github | Portfolio

## About Myself

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Final-year Computer Science student with strong skills in MERN stack development, PHP, and Java programming. Experienced in building full-stack web applications, backend APIs, and database driven solutions. Passionate about problem-solving, scalable architecture, and delivering efficient, user-focused software.

## Projects

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### E-commerce Website (Github Repository Link)

- Built a full-featured e-commerce platform using HTML, CSS, JavaScript, and MERN stack
- Implemented core shopping features including product listing, search, cart, checkout, and order history
- Optimized performance and responsiveness with a mobile-first UI and RESTful API design for seamless user experience

### Chating Application (Github Repository Link)

- Serverless Full Stack Website with Real time communication
- Designed a user-friendly frontend interface using HTML,CSS, and Javascript
- Deployed the application locally for demonstration and tested scalability with multiple concurrent users after hosting

### PHP-based Email Subscription System (Github Repository Link)

- Secure email verification and unsubscribe functionality using file-based storage
- Integrated daily XKCD comic delivery via a CRON job that fetches and formats random comics using the XKCD public API.
- Ensured modular and maintainable code structure by implementing all logic within the src/ directory following strict project constraints.
- Implemented robust email workflows including verification codes, automated HTML email formatting, and unsubscribe links for user management.

## Technologies

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**Knowledge in:** C, OOPS using Java, Data Structures and Algorithms

**Frontend Technologies:** HTML, CSS, Tailwind CSS, Javascript, React.js

**Backend Technologies:** Node.js, Express.js, PHP

**Database Management:** MySQL, MongoDB

**Development Tools:** Git, Github, VS Code Editor

## Education

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**Kalinga Institute of Industrial Technology**, B.Tech in Computer Science Engineering 2022 – Present

- CGPA: 7.82

**Don Bosco School**, 12th 2020 – 2022

- Percentage: 65.5

**Don Bosco School**, 10th 2010 – 2020

- Percentage: 92.6