

Ayush Mamgain

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Education

Hemwati Nandan Bahuguna Garhwal University

2022 – 2025

Bachelor of Computer Applications (BCA)

- Relevant Coursework: Data Structures, Computer Networks, Object-Oriented Programming, Database Management Systems, Operating Systems, Software Engineering, Web Development, Mobile App Development, Artificial Intelligence

Technical Skills

Web Development:

- Frontend: HTML, CSS, JavaScript, React.js, TypeScript, Next.js
- Backend: Node.js, Express.js, PHP
- Database: MongoDB

Languages:

- C, C++, Python

Technical Skills:

- Object-Oriented Programming (OOP)
- Networking
- Software Testing

Version Control:

- Git, GitHub, GitLab
- Basic Git commands, branching, and merging

Soft Skills

- Problem-Solving
- Communication
- Teamwork & Leadership

Projects

Chat Application

- Link to the project: Github repository
- Developed a real-time chat application using React.js for frontend, Node.js and Express.js for backend, and Socket.io for real-time communication
- Integrated MongoDB for message storage and user authentication
- Utilized React Redux Toolkit for efficient state management
- Link to the project: [Github Repository](#) [↗](#)

Book Hive

- Developed an e-commerce bookstore using React.js for frontend, Node.js and Express.js for backend
- Integrated MongoDB for product and order storage
- Utilized Firebase for user authentication
- Employed React Redux Toolkit for efficient state management
- Link to the project: [Github Repository](#) [↗](#)