

# Ayush Singh

Full Stack Developer | B.Tech (ECE) | Chandigarh Engineering College

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## WORK EXPERIENCE

### PearlThoughts

Full Stack Developer

Jun 2024 - Dec 2024

- Developed and maintained web applications using Typescript, Next.js enhancing performance by 20%.
- Designed and integrated RESTful APIs, Improving data access and application functionality.
- Worked closely with QA teams to ensure high quality releases, reducing bugs by 25%.
- Optimised application state management, reducing load times by 30%.
- Implemented responsive UI components with TailwindCSS, improving user experience by 35%.

## EDUCATION

### Chandigarh Engineering College, Punjab

Bachelor's of Technology in Electronics and Communication Engineering - 7.57 CGPA

Aug 2020 - Jun 2024

## SKILLS

- **Languages:** C, C++, Python, JavaScript.
- **Front-end:** HTML, CSS, JavaScript, Typescript, Next.js and React.js.
- **Back-end:** Node.js, Express.js, MongoDB, and RESTful API's Design.
- **Tools:** Git and working with CI/CD pipelines.

## PROJECTS

### Task Manager App

Jan 2025

- Built a task manager with Next.js and Tailwind, achieving 95% responsiveness.
- Added Lucia Auth and Resend Emails, ensuring 98% email deliverability.
- Optimised DB with Drizzle ORM and SQLite/Turso, reducing load times by 40%.
- Used ShadCN and React Hook Form, improving UX by 30%.
- Implemented CRUD, boosting task organization efficiency by 50%.

### Real Estate Website

Feb 2025

- Developed a real estate website using React and TailwindCSS, ensuring 95% responsiveness.
- Added Swiper.js for smooth property sliders, increasing user interaction by 40%.
- Optimized design and layout, reducing page load time by 35%.
- Implemented intuitive navigation, enhancing user experience by 50%.
- Built dynamic property listings, increasing search efficiency by 45%.

## CERTIFICATIONS

IBM Certified Cybersecurity Fundamentals 

Cisco Certified Introduction To Data Science 

## EXTRACURRICULAR ACTIVITIES

- Hosted programming events and hackathons, enhancing team skills.
- Mentored junior developers, boosting team productivity by 20%.