

Ayush Jha

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Training

GeeksforGeeks

May 2024 - July 2024

- Built interactive exercises and challenges to strengthen Data Structures and Algorithm and Machine Learning understanding.
- Engineered problem-solving exercises that strengthened algorithmic thinking and coding proficiency.
- Integrated new features in coordination with the development team.
- Wrote clean, documented code and fixed critical issues to improve system performance.

Projects

CipherStudio (Online React IDE)

Oct 2025

- Developed a full-stack online IDE for creating and previewing React projects directly in the browser.
- Built the frontend using React.js and Vite, featuring live code editing, preview, and project management UI.
- Designed and implemented RESTful backend APIs with Node.js, Express.js, and MongoDB (Mongoose).
- Added JWT authentication, file/folder structure handling, autosave, and version control support.
- Github Repository Link: <https://github.com/Ayushjha1622/CipherStudio>

Helpdesk Ticketing System

Sep 2025

- Created a ticket management platform for issue tracking and SLA monitoring.
- Designed a responsive frontend interface using React.js and Tailwind CSS with dashboards and role-based views.
- Built a secure backend with Node.js, Express.js, and MongoDB, supporting RBAC, JWT auth, and rate limiting.
- Implemented features like timeline logs, threaded comments, and SLA breach alerts.
- Github Repository Link: <https://github.com/Ayushjha1622/Projects/tree/main/HelpDesk>

Certifications

Cloud Computing

NPTEL

Jan 2025

Data Structures and Algorithms

GeeksForGeeks

May 2024

Technical Skills

Language: Python, Java, JavaScript , C++

Technologies/Frameworks: Next.js, Node.js, React.js, MongoDB, MySQL , AWS

Soft-Skills: Problem-Solving, Team Collaboration, Communication, Leadership, Adaptability

Achievements

Secured 2nd place in the 2024 University WebATHon Coding Hackathon with a ₹75K prize

Nov 2024

solved 300+ coding problems on GeeksforGeeks.

May 2024

Education

Lovely Professional University, Phagwara, Punjab

2022–Present

Computer Science and Engineering

Phagwara, Punjab

K.R Education Centre

2020-2022

Class 12 (Science)

Kanpur, Uttar Pradesh

K.R Education Centre

2018-2020

Class 10 (Science)

Kanpur, Uttar Pradesh