

Aryan Raj

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🔗 <https://github.com/spacewhale-zion?tab=repositories>

Skills

Languages & DSA:	C++, C, Python, JavaScript,
Web & Backend:	HTML, CSS, Bootstrap, Tailwind CSS, MERN stack (MongoDB, Express.js, React.js, Node.js), Next.js, TypeScript REST APIs, WebSockets, Socket.io, JWT, OAuth
ML & AI:	TensorFlow, NumPy, Pandas, Matplotlib
DevOps & Deployment:	Git, GitHub, Docker, AWS, Firebase, Cloudinary, Render, Vercel, MongoDB, Redis
Soft skills:	Communication, team collaboration, problem-solving, critical thinking, leadership, work ethic

Experience

Ransh Innovation

[SEP 2024] – [DEC 2024]

Web Development Intern

- Developed and optimized the front-end of a company website, ensuring a seamless user experience.
- Collaborated with the team to integrate APIs, enhance performance, and troubleshoot UI/UX issues.
- Worked on improving website responsiveness and cross-browser compatibility.

Algo University

[JUN 2025] – [AUG 2025]

Web Development Intern

- Designed and developed a peer-learning platform where students could code, solve problems, and learn collaboratively.
- Implemented an online code compiler supporting multiple programming languages for real-time coding practice.
- Built a student dashboard to track progress, submissions, and peer interactions.
- Collaborated with mentors and peers to optimize platform scalability and improve UI/UX for learners.

Education

National Institute of Technology, Meghalaya

2023 – Present

Bachelor of Technology in Electronics and Communication Engineering

CGPA: 8.92/10

Projects

JUN 2025 – AUG 2025 Peer Learning Coding Platform (Algo University Internship Project)

A collaborative web platform that allows students to code, practice problems, and learn from peers.

Key Features: Online code compiler supporting multiple languages, student dashboard with personalized progress tracking, peer-learning and discussion features, and a structured problem archive, code Review with **Google Gemini**.

Designed scalable backend APIs, implemented secure authentication, and optimized the platform for smooth collaboration and real-time usage.

Project Link: [View Project](#)

FEB 2025 – APRIL 2025 E-Commerce Website using MERN, Firebase, Redis, and TypeScript

A scalable and responsive full-stack eCommerce platform developed using the **MERN stack** (MongoDB, Express.js, React.js, Node.js) with **TypeScript** for type safety and maintainability.

Key Features: User authentication with **Firebase**, real-time state management using **Redux Toolkit** and **RTK Query**, product recommendations, FAQ chatbot, shopping cart, order history, and **Stripe**-based secure payments.

Incorporated **Redis** for high-performance server-side caching, **SCSS** for modular and maintainable styling, and implemented **RESTful APIs** for seamless front-end and back-end integration.

Project Link: [View Project](#)

AUG 2024 – SEPT 2024 Chat Website

Real-Time Chat Application using the MERN stack.

Key Features: WebSockets, JWT authentication, responsive design with Tailwind, dynamic chat rooms, and message history.

Project Link: [View Project](#)

Achievements

- National Talent Search Examination Stage 1 Qualified (Selected among **8,500** students from a pool of **1,000,000** applicants).
- ATF Scholar (Selected among top **70** students from a pool of **20,000** applicants after 2 coding rounds and an interview).