

Ayush Kumar

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Education

Army Institute of Technology

Bachelor of Electronics and Telecommunication (GPA: 8.51/ 10.00)

Expected 05/2025

Pune, Maharashtra

ST Karen's Secondary School

12th Grade (Percentage: 94.8)

2020

Patna, Bihar

ST Karen's Secondary School

10th Grade (Percentage: 93.2)

2018

Patna, Bihar

Experience

Neufin

10/2023 – 06/2024

Software Development Engineering Intern

Remote

- Led a successful migration of the tech stack from React SCSS to Next.js Tailwind, reducing page load times by 40%.
- Optimized SEO across all pages, boosting search engine rankings and increasing organic traffic by 50%.
- Automated email filtering and Slack notifications using the Gmail API, processing 500+ emails daily.

Trialshopy

07/2023 – 09/2023

Frontend Developer Intern

Remote

- Developed a responsive UI for TrialShopy, an e-commerce startup leveraging machine learning and augmented reality, resulting in a 40% increase in mobile user engagement.
- Built robust APIs for product pages and implemented OTP-based authentication, enhancing user security and reducing login times by 25%.
- Leveraged Next.js capabilities like automatic image optimization and server side rendering; delivered a 40% reduction in image load times and a 50% enhancement in search function speed.

Projects

Stock Chart | React.js, Tailwind CSS, Flask, Firebase, Recharts

- Developed a real-time charting application that allows users to visualize stock data in real-time and intuitively.
- Formulated a high-speed snapshot feature that captures and stores historical chart images for various stocks in local storage and synchronizes with Firebase within 1/10th of a second, enhancing data accuracy and user experience.
- Built a chart comparison tool that merges and displays data from multiple companies, providing users with comprehensive analytical capabilities and improving user engagement by 30%.

The Dope Store: Customized Event Swag Solutions | Next.js, Typescript, Tailwind CSS, MongoDB, Node.js, Express, email.js

- Crafted a design visualization feature allowing users to customize and preview designs on t-shirts, hoodies, and other swag items, improving user engagement and design accuracy.
- Integrated a price comparator tool, boosting conversion rates by 30% and reducing order processing time by 25%.

Innovation and Entrepreneurship Cell Club Website | React.js, JavaScript, Tailwind CSS, Firebase, email.js

- Contributed to the development of the Innovation and Entrepreneurship Cell website, featuring user-friendly event stat updates and a newsletter section to keep students informed.
- Designed and implemented an internship portal facilitating seamless submission and management of applications, resulting in the onboarding of alumni connections and helping over 40 internship opportunities reach students.

Skills

Languages: C++, Java(Basic), TypeScript, Python, JavaScript

Technologies: React.js, Next.js, Tailwind CSS, Django, Flask, FastAPI, Express.js, Bootstrap, Node.js, Git, GitHub

Concepts: Data Structures and Algorithm, Object Oriented Programming, Operating System, Encryption, Decryption,

Database: MongoDB, MySQL, PostgreSQL

Soft Skills: Entrepreneurial Spirit, Communication, Event Management, Leadership

Achievements

Finalist Bajaj Finserv HackRx 4.0: Created real-time chart application to display chart snapshot in 1/10th of second

Top 10 UST D3CODE: Build AI Travel Assistant to tackle Boredom using LangChain and LLAMA2

4th position in De'Verse: Organized by OSS Club AIT, Pune 5 day event build Social media platform for photo sharing.