Aman Kumar

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B.Tech
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EDUCATION

•**National Institute of Technology, Patna**	*Expected 2027*
B.Tech. Electronics and Communication Engineering	CGPA: 8.82
•**Shivam International School, Phulwaria**	*2022*
Central Board of Secondary Education	Percentage: 83.2%
•**Krishna Sudarshan Public School, Barh**	*2020*
Central Board of Secondary Education	Percentage: 90.0%

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Java, HTML5/CSS3, JavaScript

Skills: DSA, DBMS, OOPs, Full Stack Development

Frameworks & Libraries: React.js, Node.js, Express.js, Bootstrap, Tailwind CSS, Numpy

Developer Tools: Git, Visual Studio Code, Postman

Databases & Cloud: MySQL, MongoDB

PERSONAL PROJECTS

•**Blog App - GitHub** *June 2025 – July 2025*

MongoDB, Express.js, React.js, Node.js, Tailwind CSS, JWT, REST API, Gemini API, Vercel

- Engineered a **full-stack blogging platform** with secure JWT-based **authentication**, **role-based access control**, and a responsive UI using **Tailwind CSS**.
- Built **RESTful APIs** and implemented **CRUD operations** with image upload using Imagekit, rich-text editing, and efficient data handling using **MongoDB**.
- Integrated **Gemini API** for **AI-powered** blog generation and deployed the application on **Vercel** for fast, **production-ready hosting**.

• **ShipMate App - Github** *February 2025 - April 2025*

React.js, TypeScript, Tailwind CSS, OpenRouteService API, Leaflet.js

- Developed a **shipping rate estimator application** with dynamic cost calculation based on **distance**, **package weight**, **delivery speed**, and **currency conversion**.
- Designed a responsive and intuitive UI using **Tailwind CSS**, handled multi-step form logic with **React Hooks**, and deployed the app on **Vercel** for **scalable hosting.**
- Integrated **OpenRouteService API** to perform geocoding, calculate distance-based shipping rates, and render real-time delivery routes using **Leaflet.js** maps.

• **Amazon Clone - Github** *November 2024 - January 2025*

HTML, CSS, JavaScript, Bootstrap

- Built a responsive Amazon-style **web interface** focused on layout, design consistency, and **user experience**.
- Implemented interactive components such as **add-to-cart**, product detail views, and a multi-section homepage to simulate real-world **shopping platform workflows**.

ACHIEVEMENTS

• Ranked among the **top 7.79% in LeetCode with a 1796 max. rating**	*June 2025*
• Secured **Global rank 944 in LeetCode's Biweekly Contest 159**	*June 2025*
• Solved **1300+ DSA problems** across LeetCode and Codechef	*2024-2025*
• Participated in **ByteVerse 7.0 Hackathon, NIT Patna**	Certificate

POSITIONS OF RESPONSIBILITY

•**Project Team Leader,** Tinkering LAB, Incubation Center, NITP	*February 2023 - Present*