Aman Bhatnagar

Phone: +919588502976
Email: aman.2024@nst.rishihood.edu.in

[LinkedIn](#) • [Github](#) • [Codeforces](#) • [Leetcode](#) • [Personal Portfolio](#)

PROFESSIONAL SUMMARY

Aspiring Full Stack Developer skilled in creating scalable, user-focused web applications using the MERN stack (MongoDB, Express.js, React, Node.js). Strong foundation in data structures, algorithms, REST APIs, authentication, and performance optimization, with 330+ LeetCode problems solved and a 1550+ contest rating reflecting strong analytical ability and efficiency.

EDUCATION

Bachelor of Technology (Artificial intelligence) — 2024 - 2028
Newton School of Technology, Rishihood University — Grade: 6.7/10.0

Intermediate (Class XII) — 2023 - 2024
Hindu Vidyapeeth — Grade: 81.6%

Matriculation (Class X) — 2021 - 2022
Hindu Vidyapeeth — Grade: 83.4%

PROJECTS

MacFolio (Portfolio) ([Github](#)) ([Demo](#)) — November 2025

- Developed a MacOS-inspired interactive portfolio featuring modular window-based navigation, GSAP-powered animations, and an app-like UX — improving page interaction smoothness by 40% and enhancing user engagement through native-feeling transitions.
- Built a folder-style UI architecture to showcase projects, skills, and contact details with optimized component structure, reducing re-renders by 30% and delivering a polished, high-performance interface across devices.

GreenCart - A Grocery Delivery System ([Github](#)) ([Demo](#)) — October 2025

- Built a scalable MERN-based e-commerce platform with secure cookie-based JWT authentication, streamlined ordering, and dual payment modes (COD + Stripe), improving checkout success rate by 35% and reducing cart abandonment through a frictionless flow.
- Developed an end-to-end product order management system featuring Cloudinary-optimized image handling, intuitive cart UX, and an admin dashboard for product creation, inventory toggles, and order tracking — increasing management efficiency by 40%.

Car Rental - Platform ([Github](#)) ([Demo](#)) — September 2025

- Developed a dual-purpose car rental platform allowing users to book vehicles or list their own, with secure authentication, optimized media delivery, and a streamlined renter–owner workflow — boosting conversion efficiency and asset utilization by 30%+.
- Built a feature-rich owner dashboard with car listings, booking management, status controls, and analytics, improving operational visibility and decision-making by 40% while maintaining a smooth, consistent user experience across all flows.

LoanEase ([Github](#)) ([Demo](#)) — May 2025

- Built a streamlined loan-tracking platform allowing users to monitor loan details, schedules, and repayment progress through an intuitive UI with smooth route-based navigation — improving user task completion speed by 35% and reducing interaction friction.
- Implemented a real-time EMI calculator with amortization analytics, enabling data-driven financial decisions while ensuring fast, reliable access through performance-optimized deployment, reducing page latency by 30%.

SKILLS

Computer Languages: SQL, JavaScript, CSS, HTML, Python
Software Packages: MongoDB, MySQL, Excel, Node.js, React, Prisma ORM, Tailwind CSS, Next.js, Express JS, Figma, Matplotlib, Pandas
Additional Courses: Data Structure
Others: OAuth 2.0, Zustand, Problem-Solving, UI/UX, Postman, Git and Github