

# AMAN KUMAR

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## Education

### Govind Ballabh Pant Institute of Engineering and Technology

Bachelor of Computer Science and Technology

Aug 2021 – June 2025

Pauri, Uttarakhand

## Relevant Coursework

- Web Development
- Data Structures
- Database Management
- SEO & Wordpress
- Version Control
- System Design
- Google Analytics
- Design Thinking

## Experience

### Unified Mentor Private Limited

Full Stack Developer

October 2024 – March 2025

Remote

- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Incorporated scripts using Python and PowerShell to aggregate XML test results into an organized format and to load the latest build code onto the hardware, so that daily testing can be performed.
- Utilized Jenkins to provide a continuous integration service in order to automate the entire process of loading the latest build code and test files, running the tests, and generating a report of the results once per day.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

### IBM Cloud & Edunet

June 2024 – August 2024

AI and Cloud Computing Intern

Remote

- Assisted in chatbot integration using IBM Watson and explored AutoAI for automation.
- Worked with IBM Cloud and Watson Studio to build and deploy AI-driven applications, gaining hands-on experience in cloud-based development.
- Worked with mentors and peers using Git to develop and present real-world projects.

## Projects

### Personal Portfolio | *Sass, React.js, Redux*

July 2025

- Built a portfolio website using React.js and SASS to showcase projects, skills, and experience with a responsive UI.
- Implemented Redux to manage shared state, streamline data flow, and ensure consistent UI across components.
- Incorporated responsive design and accessibility best practices to deliver a user-friendly experience across devices
- **Live Demo:** personal-portfolio.vercel.app — **Code:** GitHub

### Path Finder & Sorting Visualizer | *Tailwind CSS, Three.js, JavaScript*

May 2025

- Built a web-based visualizer to demonstrate path finding and sorting algorithms with interactive animations.
- Implemented visualizations for path finding and sorting algorithms with interactive animations driven by user input.
- **Live Demo:** path-finder.vercel.app — **Code:** GitHub

### Online Code Editor | *React.js, Vite, Redux*

October 2024

- Built a real-time collaborative code editor with React and Vite, supporting live code editing.
- Integrated live preview to instantly render HTML/CSS/JS outputs from user input.
- **Live Demo:** path-finder.vercel.app — **Code:** GitHub

## Technical Skills

**Languages:** C++, Python, JavaScript, SQL

**Developer Tools:** VS Code, Atom, GitHub, Git, Vite, IBM Watson Studio, Figma

**Technologies/Frameworks:** HTML5, CSS, JavaScript, Bootstrap, React.js, Redux, Three.js, Canva, WordPress

## Achievements / Extracurricular

- Solved over 240+ problems on platforms like LeetCode and CodeChef, demonstrating strong problem-solving and data structure skills.
- Completed ANZ Cyber Security Management Virtual Experience— Forage (July 2023).
- Completed the Fundamentals of Digital Marketing certification by Google Digital Garage in August 2020, gaining foundational knowledge in SEO, SEM, and online marketing strategies.