

Aakash Patel

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EDUCATION

Indian Institute of Information Technology (IIIT) Nagpur

Pursuing Bachelor of Technology in Computer Science Engineering

Aug 2022 - Present

- **Relevant Coursework:**

- * Data Structures and Algorithms, Operating Systems, Computer Networks, Object-Oriented Programming, Database Management, Computer Architecture

Shreeram Model High School

XII (CBSE) — 94.4%

Faridabad, Haryana

2022

SKILLS

Languages: C/C++, JavaScript, Python, SQL, HTML, CSS, Linux Shell Scripting

Frameworks: React, Node.js, ExpressJs, NextJs, Tailwind-CSS

Developer Tools: Git, VS Code

Libraries: pandas, NumPy, Matplotlib

Soft Skills: Communication, Problem-Solving, Teamwork, Attention to Detail

PROJECTS

ByteBlog | *HTML, CSS, JavaScript, React, Tailwind CSS, Redux, Appwrite*

- Developed a fully-featured blogging platform using React for a dynamic and responsive user interface, enhancing user experience across devices
- Users can sign up or Log in, view blogs in 'My Feed' Section, upload their own blogs, edit or delete previously uploaded blogs, manage account details with ease
- Deployed Byte Blog at <https://byte-blog-wine.vercel.app/>

Personal Landing Page | *HTML, CSS, JavaScript, Github*

- Developed and deployed a personal landing page using HTML, CSS, and JavaScript, showcasing portfolio projects and personal information.
- Implemented responsive design to ensure compatibility across various devices, optimizing the user experience for both mobile and desktop views.
- Hosted on GitHub Pages at <https://aakash0101x.github.io/>, enabling seamless and free hosting with continuous updates through version control.

Hotel Booking System | *C++, Object Oriented Programming*

- Programmed Hotel Booking System utilizing C++ and OOP.
- Integrated features for room booking, client management, and billing, with an emphasis on modularity and reusability.
- Enhanced system efficiency by integrating advanced data structures and algorithms, leading to a 30% reduction in response time for user queries within the Hotel Booking System developed using C++.

College Management Project | *React, JavaScript, Tailwind CSS, Express.js, MySQL, Node.js*

- Developed a full-stack College Management System enabling efficient role-based management for students, faculty, and administrators.
- Implemented key features such as dynamic notice tickers, image sliders, admission forms, and role-specific dashboards for enhanced usability.
- Designed a secure backend with Express.js to handle CRUD operations for student and faculty data, grievances, feedback, and admission approvals.
- Optimized application performance and user experience by leveraging Vite for development and a responsive Tailwind CSS design.

CERTIFICATIONS

Google Cybersecurity Certificate | *Feb 2024*

- Gained expertise in cybersecurity fundamentals, including threat detection, network security, and cryptography.
- Developed practical skills in security operations and incident response through hands-on labs and real-world projects.