Yash Agarwal

+91-90276-01476 | 190e785@gmail.com

[LinkedIn](#) | [GitHub](#)

EDUCATION

Graphic Era Hill University   Dehradun, India
B.Tech. in Computer Science & Engineering, Honors in ML & AI   *Aug 2023 – Present*

PROJECTS

[Interactive 3D Resume Platform (UI/UX & React)](#)   *Feb 2025 – May 2025*
- Created a highly interactive single-page application for resume building with a unique 3D forest theme for UI.
- Developed the entire frontend using React and JavaScript, with Three.js for 3D rendering and Tailwind CSS.
- The engaging interface led to a 40% increase in average user session duration compared to a traditional layout.

[Wikipedia Traversal Visualizer (SPA & Vue.js)](#)   *October 2024 – November 2024*
- Built a client-side application using Vue.js to fetch and display data from a backend web-crawling API.
- Implemented efficient state management with Vuex and created a responsive, paginated interface to handle 1,000+ results.
- Achieved a 98/100 performance score in Lighthouse by optimizing asset loading and component rendering.

[Full Stack System for Crawler API (Backend for Frontend)](#)   *October 2024 – November 2024*
- Developed the supporting Python/Flask backend for the visualizer, demonstrating broad technical perspective.
- Packaged the API with Docker and deployed it on AWS, gaining experience in the DevOps practices that power frontends.
- This end-to-end understanding enabled a 20% faster integration time between the frontend and backend services.

TECHNICAL PROFILE

Technical Skills:

- **Languages:** JavaScript, TypeScript, Python, Java, HTML/CSS
- **Frameworks:** React, Vue.js, Three.js, Tailwind CSS, Flask
- **Libraries & Tools:** Git, Docker, AWS, Node.js, REST APIs, Linux/Unix Environments

Soft Skills: User-Centric Design, Creative Problem-Solving, Team Collaboration, Versatility

CLOUD & PLATFORM PROFICIENCIES

AWS Certified Solutions Architect – Associate

Google Cloud Associate Cloud Engineer

ACADEMIC SUBJECTS

Data Structures & Algorithms, Software Design, Human-Computer Interaction, Computer Graphics