Yash Agarwal

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EDUCATION

Graphic Era Hill University   Uttarakhand, India
Bachelor of Technology, CSE (Honors in ML & AI)

PROJECTS

Interactive Resume Maker   April 2025 – Present
  – Developed a dynamic resume editor with React and Tailwind CSS for real-time editing of sections.
  – Integrated serverless PDF export via Puppeteer to ensure high-quality outputs.
  – Implemented drag-and-drop reordering and customizable themes for enhanced UX.
  – Conducted usability testing and iterated the UI to meet ARIA accessibility standards.
  – Documented component library and API usage for seamless collaboration.

Personal Blog Site   March 2024 – Present
  – Developed a custom WordPress theme using PHP templating and modern JavaScript.
  – Implemented SEO best practices: meta tags, structured data, sitemap generation.
  – Created reusable Gutenberg blocks to standardize tutorial layouts.
  – Ensured mobile-first responsive design and cross-browser compatibility.
  – Improved performance with lazy-loading images and deferred scripts.

First Link Rule Frontend   August 2024 – Present
  – Built a Vue.js application to visualize Wikipedia's first-link path toward "Philosophy."
  – Rendered interactive SVG graphs with search and filtering capabilities.
  – Optimized performance; reduced initial bundle size by 40% through code splitting.
  – Published a shared style guide with design tokens for consistency.
  – Integrated real-time data fetching from backend APIs for live updates.

TECHNICAL SKILLS

React, Vue.js, Tailwind CSS, HTML5, CSS3, ES6, Next.js, Redux, Context API,
Git, npm/yarn, Vercel, Webpack, Material-UI

CERTIFICATIONS

AWS Certified Cloud Practitioner

AWS Solutions Architect – Associate

AWS Certified Developer – Associate

Google Cloud Certified Associate Cloud Engineer