

# Yash Agarwal

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## EDUCATION

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### Graphic Era Hill University

*B.Tech, CSE (Honors in ML & AI)*

Uttarakhand, India

*Aug 2023 – Jul 2027*

## PROJECTS

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### Interactive Resume Maker

Live Demo

- Developed a dynamic résumé editor with React and Tailwind CSS, enabling real-time section edits.
- Integrated serverless PDF export via Puppeteer, ensuring high-fidelity document generation.
- Implemented drag-and-drop section reordering and theme customization for user flexibility.
- Conducted usability testing and iterated UI to meet ARIA accessibility standards.
- Documented API endpoints and component library usage for future contributions.

### First Link Rule Frontend

Live Demo

- Built a Vue.js application to visualize Wikipedia first-link traversals toward *"Philosophy"*.
- Rendered interactive SVG graphs and provided search/filter to inspect link paths.
- Optimized performance using code splitting and lazy loading, reducing initial payload by 40%.
- Shared design tokens and component guidelines in a published style guide.
- Collaborated with backend team to integrate REST endpoints for real-time updates.

### Personal Blog Site

Live Demo

- Developed a custom WordPress theme using PHP templating mixed with modern JS.
- Integrated SEO best practices, including meta tags and sitemap generation.
- Built reusable Gutenberg blocks and shortcodes to standardize tutorial posts.
- Ensured mobile-first responsive design and cross-browser compatibility for lecture notes.
- Implemented lazy-loading of images and deferred JS for faster page loads.

## TECHNICAL SKILLS

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**Frontend:** React, Vue.js, Vite, Tailwind CSS, HTML5, CSS3, ES6

**State Mgmt:** Redux, Vuex, Context API

**Tools:** Git, npm/yarn, Vercel, Webpack, Lighthouse

**Design:** Figma, Adobe XD, responsive & accessible UI

## CERTIFICATIONS

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AWS Certified Cloud Practitioner

AWS Solutions Architect – Associate

AWS Certified Developer – Associate

Google Cloud Certified Associate Cloud Engineer