

# Ajay Kumar K | Front-End Engineer Intern

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📁 GitHub: [github.com/AjayKumar0077] | 🌐 Portfolio: [View Portfolio]



## PROFESSIONAL SUMMARY

Aspiring Front-End Engineer with hands-on experience developing responsive and scalable web apps using React.js, JavaScript, and Tailwind CSS. Built 20+ projects including AI resume builders and job matchers. Passionate about performance optimization, accessibility, and user-centric design. Excited to contribute to Amazon's high-impact frontend teams through customer-obsessed engineering and innovative solutions.

## EDUCATION

B.E. in Computer Science and Engineering

Christian College of Engineering and Technology, Dindigul, Tamil Nadu

Graduation Year: 2026 | CGPA: 7.56

## TECHNICAL SKILLS

**Languages:** JavaScript, HTML5, CSS3, Python, Java

**Frameworks:** React.js, Node.js, Express.js, Tailwind CSS, jQuery

**Concepts:** UI/UX, Responsive Design, REST APIs, Front-End Architecture, OOP

**Practices:** Agile Development, Responsive Design, Accessibility (a11y), Cross-Browser Compatibility

**Testing:** Unit Testing, Jest, Cypress, Git, GitHub

## EXPERIENCE

### Founder — Nexlyt Solutions (Startup)

January 2025– Present

- Founded and currently lead Nexlyt Solutions, offering services in AI bots, academic projects, **web/app development**, resume design, digital marketing, and tech workshops.
- Scaled operations from idea to a **growing client base across Tamil Nadu and pan-India**, gaining MSME and Startup India recognition.
- Managed **client acquisition, delivery, branding, and content strategy**.
- Built a team-based service delivery pipeline and launched digital training resources.

### SDE Intern — Bluestock Fintech

April 1, 2025 – May 30, 2025

- Developed backend APIs using Node.js and MongoDB for fintech apps, supporting 1000+ daily users.
- Designed and tested secure RESTful APIs with third-party integrations.
- Participated in agile sprints, collaborated with cross-functional teams, and contributed to GitHub PR reviews and scrum meetings.

### Web Development Intern — TechSonix Solutions

May 2025 – May 2025

- Developed and maintained responsive web pages using **HTML, CSS, and JavaScript**.
- Built dynamic user interfaces with **React and Tailwind CSS**.
- Integrated **RESTful APIs** and third-party services.
- Participated in **code reviews** and **agile team meetings**.
- Developed responsive designs ensuring optimal performance on mobile, tablet, and desktop.

- Ensured cross-browser compatibility for key components using browser testing tools.
  - Collaborated with the design team to improve accessibility (a11y) using semantic HTML and ARIA roles.
  - Wrote unit tests with Jest and Cypress to ensure UI reliability and prevent regressions.
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## PROJECTS

### 1. Resumelit – AI Resume Builder | React.js, Tailwind CSS, OpenAI API

- Implemented responsive design principles to ensure smooth user experience across devices.
- Applied accessibility best practices to improve keyboard navigation and screen reader support.
- Designed and developed a fully responsive frontend using **React.js**, **HTML/CSS**, and **Tailwind CSS**.
- Built modular and reusable **UI components** for a seamless user experience.

### 2. JD Matcher – Job Description Matcher [GitHub](#)

- Built an intuitive, interactive frontend using **React.js**, styled components, and custom hooks.
- Focused on **user-centric UI** with **dynamic filtering and API integration**.

### 3. Air Quality Alert System | React.js, Firebase, ML [GitHub](#)

- Created a dashboard that predicts air quality and sends alerts via SMS. Integrated ML models with real-time data sources; achieved 94% accuracy. Integrated unit testing with Jest to validate dashboard component behavior.
- Developed a responsive web dashboard using **React.js**, **chart libraries**, and **CSS animations**.

### 4. Full Portfolio Dashboard [Live Portfolio](#)

- Built using **HTML/CSS**, **JavaScript**, and modern frameworks
  - Showcases all projects with GitHub links, live demos, and tech stack highlights
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## CERTIFICATIONS

- AWS – Generative AI for Decision Makers, Planning GenAI Projects (2025)
  - Microsoft/LinkedIn – Generative AI Career Path (2025)
  - Infosys – AWS Cloud Associate Certification (2024)
  - NPTEL – IoT Basics by IIT Kharagpur (2023)
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## ACHIEVEMENTS

- Developed **20+ AI & web projects** including resume builder, JD matcher, and virtual assistant.
  - Certified Startup India Founder – Nexlyt Solutions (MSME Registered).
  - Conducted tech workshops for **100+ students** across TN colleges.
  - Completed RPA training under Tamil Nadu Skill Development Program.
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## LEADERSHIP

- Founder & CEO, Nexlyt Solutions – Mentored 10+ interns, led 20+ client projects.
  - Public Speaker & Core Tech Club Member – Conducted college events on AI/Web.
  - Passionate about team building, startup culture, and tech community outreach.
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