

Aashma Bhandari

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SUMMARY

Frontend-focused Full Stack Developer with 3+ years of hands-on experience building modern web applications using React, Next.js, TypeScript, and AI/ML technologies. I extensively leverage AI-assisted development to accelerate delivery, refine UI/UX, optimize workflows, and build polished, production-ready applications efficiently. Strong in taking ideas from concept to deployment with a focus on performance, usability, and real-world impact.

EDUCATION

Bachelor of Computer Application (AI/ML) 2023 – 2026
Parul University, Gujarat, India

National Examination Board (NEB) 2020 – 2022
Capital College and Research Center, Koteswor, Nepal GPA: 3.15/4.00

Secondary Education Examination (SEE) 2020
Bhaktapur Nist School, Bhaktapur, Nepal GPA: 3.25/4.00

CERTIFICATIONS

AI Fluency: Framework & Foundations – Anthropic June 2026
verify.skilljar.com/c/an77z7ov5naf

Claude 101 – Anthropic June 2026
verify.skilljar.com/c/99eafcrwb4gy

SKILLS

Languages Python, Java, C++, JavaScript
Web HTML, CSS, React, Next.js, Node.js, Express.js, TypeScript
AI/ML Machine Learning, Data Analysis
Databases MySQL, MongoDB
Tools Git, GitHub, VS Code, Stripe API, JWT
Concepts REST APIs, DSA, OOP, Authentication, Responsive Design, Caching

EXPERIENCE

Founder Full-Stack Developer – Aakshma Tech 2025 – Present aakshma.com
Founded and manage a software development venture focused on building modern, user-centered web applications and digital solutions.

- Design and develop responsive web applications using React, Next.js, TypeScript, and modern frontend technologies
- Build and integrate AI-powered features using APIs and AI-assisted development workflows
- Develop full-stack applications from initial concept and architecture through deployment and maintenance
- Apply modern UI/UX principles to create responsive, accessible, and user-focused digital experiences
- Manage project requirements, development workflows, deployment, and ongoing improvements independently

Frontend Developer Intern – Code Peak Nepal May 2026 – Aug 2026 [LinkedIn](#)
Worked in the Web Development / Frontend Development department, gaining practical experience in frontend development, responsive UI implementation, React component engineering, API integration, testing, and performance optimization.

- Configured development environments, Git/GitHub workflows, and became familiar with frontend architecture and development standards
- Developed responsive, cross-device landing pages using modern CSS Flexbox and Grid techniques with high fidelity to Figma designs
- Built reusable React functional components for core UI features including modals and navigation systems using event-driven programming
- Managed application state using React Hooks such as `useState` and `useEffect`, and integrated live data through the Fetch API
- Improved frontend performance and accessibility through image optimization, CSS minification, and WCAG-focused UI improvements
- Implemented unit tests using Jest and performed cross-browser debugging and troubleshooting with Chrome DevTools
- Prepared technical documentation and delivered a final presentation covering project contributions and frontend architectural improvements.

Social Media Marketing Intern – Swiggy

Dec 2023 – Dec 2024 [LinkedIn](#)

- Represented Swiggy as a Campus Brand Ambassador during its launch at Parul University, supporting brand awareness and student engagement
- Created Instagram carousels, stories, and promotional content to support campus marketing and audience engagement
- Developed practical experience in social media marketing, public speaking, pitching, creative content creation, and communication
- Engaged with students and campus communities to promote the brand and encourage adoption of Swiggy's services

PROJECTS

Hand Tracking AR

[Live Demo](#)

A browser-based augmented reality application that enables fully touchless interaction through real-time hand gesture recognition. Engineered in pure JavaScript with computer vision techniques, optimized for low-latency rendering without native app dependencies-making advanced AR accessible directly in the browser.

Atlantic Bhandari – Client Portfolio Website

[Live Demo](#)

A professional portfolio website built for a real client, designed, developed, deployed, and maintained end-to-end. The website presents the client's profile, background, and work through a clean, credible, and responsive interface and is live in production on a custom .com.np domain.

Aakshma Tech – Freelance Web Development Platform

[Live Demo](#)

A professional website developed for Aakshma Tech, a freelance web development venture offering custom websites and digital solutions for businesses and individuals. Designed and developed the platform end-to-end to showcase services, establish a professional online presence, and generate potential client inquiries.

AI Life OS

[Live Demo](#)

An AI-powered personal productivity system that predicts deadline risk and burnout signals before they happen. Uses rule-based and data-driven models to analyze work patterns and surface personalized study and task schedules. Built to be genuinely useful-not a demo-with a UX focused on reducing cognitive load and improving follow-through.

Project Idea Generator

[Live Demo](#)

A full-stack developer tool that generates tailored project ideas based on a user's skill level, interests, and preferred domain. Built with React, TypeScript, Node.js, and Express, with dynamic filtering logic that surfaces relevant suggestions. Addresses a real gap for developers who know how to build but don't know what to build next.

StudyShare

A peer resource-sharing platform for students built with PHP and MySQL, enabling structured upload, discovery, and management of academic materials. Designed around the practical problem of knowledge hoarding in academic environments.

Serenity Tasks

[Live Demo](#)

A mobile-first productivity app landing page built with HTML, Tailwind CSS, and JavaScript. Prioritized fast load times, clean visual hierarchy, and cross-device accessibility, demonstrating strong front-end fundamentals and attention to UI/UX detail.

Kizuko Cafe Website

[Live Demo](#)

A responsive business website for a cafe, featuring menu display, contact sections, and a clean mobile-first design. Built to convert visitors into customers through clear information architecture and polished UI.

Portfolio Website

[Live Demo](#)

Personal portfolio showcasing full-stack projects and technical range, built from scratch with HTML, CSS, and JavaScript without relying on templates or frameworks.