

Aashma Bhandari

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SUMMARY

Full Stack Developer with over three years of hands-on coding experience during academic studies, specializing in AI/ML-driven applications and scalable web solutions. Proficient in modern technologies including React, Next.js, Node.js, and Python, with a strong foundation in building RESTful APIs and data-driven systems. Demonstrates practical experience in developing intelligent, AI-powered applications and delivering end-to-end software solutions. Passionate about problem-solving, automation, and creating impactful, user-focused technologies.

EDUCATION

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

National Examination Board (NEB) 2020 – 2022
Capital College and Research Center, Koteshtwor, 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

PROJECTS

MarketPulse

A production-grade financial analytics platform built with Next.js, TypeScript, and Node.js. Integrated multiple real-time stock and cryptocurrency APIs, architected rate-limited and cached REST endpoints to handle high request volumes, and implemented full authentication and subscription flows with JWT and Stripe. Demonstrates end-to-end ownership of a commercial-ready SaaS product.

AI Life OS

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.

Hand Tracking AR

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.

Project Idea Generator

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

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

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

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