Uttam S. Thapa Full Stack Web Developer

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📍 Bhandup(w), Mumbai-400 078, Maharashtra, India

OBJECTIVE

Full Stack Developer experienced in building scalable, user-centric applications using Next.js, React, Node.js, Fastify, and modern backend systems. Skilled in API development, database integration, and deployment pipelines. Focused on delivering fast, secure, and maintainable solutions across the full development lifecycle.

Professional Experience & Projects

Software Developer (Full Stack)
Growve

09/2025 – Present | Mumbai, India

Building and maintaining production-grade full stack features using Next.js, Fastify, PostgreSQL, and Sequelize.
Developing optimized REST APIs with proper validation, caching, and secure authentication flows.
Improving backend performance by refining database queries, indexes, and overall API response time.
Implementing CI/CD pipelines using GitHub Actions and deploying applications.
Collaborating in an agile team, contributing to code reviews, and improving project structure and maintainability.

24-hour Hackathon
Recursion Hackathon

13–09–2024 – 14–09–2024 | Rajiv Gandhi College Web Development + AI/ML
Collaborated with team members to integrate AI/ML features into a web application, gaining experience in rapid development and teamwork under time constraints. Bhandup, India

AI Travel Planner 🔗

01/2025 – 05/2025 | Mumbai, India
Tech: React.js, Tailwind CSS, Node.js, Express.js, Firebase Auth/Firestore, Python (scikit-learn, OpenCV)
- Responsive Frontend: Developed a filterable, mobile-first destination UI with React and Tailwind, implementing lazy-loaded .webp images for fast performance.
- Secure Backend: Built a Node.js/Express layer on Firebase (Auth & Firestore) with JWT authentication, server-side filtering, and analytics integration.
- AI & Deployment: Integrated a Python AI/ML module for landmark detection and personalized itineraries; deployed end-to-end via GitHub Actions to Vercel and Firebase Cloud Functions.

Weather Assistant — AI-Powered Chat UI 🔗

09/2025 – 10/2025 | Mumbai, India
Tech: React.js, Tailwind CSS, Mastra AI Agents, Vite
- Built a modern, responsive chat interface capable of retrieving real-time weather updates through **Mastra AI weather agents** using streaming APIs.
- Developed a conversational UI with smooth animations, typing indicators, user/agent message states, and smart suggestions for improved UX.
- Implemented clean chat state management with the ability to clear history and handle streaming responses efficiently.
- Designed a polished, mobile-first interface using Tailwind CSS and deployed with Vite for fast performance.

SKILLS

Programming Languages
JavaScript (ES6+), TypeScript, Python, C, C++

Frontend
Next.js, React.js, Tailwind CSS, HTML5, CSS3, SEO

Backend
Node.js, Fastify, Express.js, PostgreSQL, Sequelize, MongoDB, MySQL, JWT Auth

DevOps & Tools
Git, GitHub, GitHub Actions (CI/CD), Docker, Postman, Vercel, Netlify

Performance
Code Splitting, Lazy Loading, WebP Optimization, Accessibility (ARIA)

AI & Additional
OpenAI API, Flask APIs, BeautifulSoup, Pandas, NumPy

EDUCATION

B.E. CSE, Mumbai University, 2021–2025 (CGPA: 9.56)
HSC: 91% | SSC: 87%

CERTIFICATIONS

Google Cloud Associate Cloud Engineer (ACE)
Google Cloud 8 April 2024

Full Stack Web Developer
PW Skills 3rd July 2024

Hackathon
Recursion, RGIT 14 March 2024

ADDITIONAL INFORMATION

Languages
English (Fluent), Hindi (Native), Marathi (Conversational), Nepali (Conversational)

Interests
AI/ML, Full Stack Web Development, Open-Source Contributions, Competitive Coding