Uttam S. Thapa

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

OBJECTIVE

Software Engineer with hands-on experience in Python development, AI/ML integration, and full-stack web technologies. Eager to contribute to impactful solutions by building scalable, intelligent systems using tools like Python, React, Node.js, and modern machine learning frameworks.

SKILLS

- **Programming Languages:** C, C++, Python, JavaScript
- **AI/ML & Data Science Technologies:** TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy
- **Web Technologies:** React, Node.js, Express.js, HTML, CSS, JWT, Firebase Auth, Firebase Firestore
- **Databases:** MongoDB, MySQL
- **Tools/Platforms:** Git, AWS, Firebase, Jupyter Notebooks, Google Colab
- **Python Development Tools & Frameworks:** Flask (basic), REST APIs, OpenCV, BeautifulSoup (add if used), JSON, Regex

TECHNICAL PROJECT

- **AI Travel Planner**

  Tools: React, Python, Node.js, AI/ML Integration, Firebase, scikit-learn, OpenCV
  ○ Building a travel planner that uses AI to curate personalized trips and recommendations.
  ○ Leverages user history and image analysis for landmark detection, and integrates user feedback for continuous improvement.

- **Web Scraper Tool — Flask + BeautifulSoup**

  Tools: Python, Flask, Pandas, BeautifulSoup
  ○ Created a utility tool that scrapes product data (name, price, rating, image) from e-commerce pages.
  ○ Data displayed on UI and downloadable as CSV using Pandas.
  ○ Demonstrates real-world use of web scraping, data parsing, and Flask API.

- **EduMaster (Full-Stack Learning Management System Development):**

  Tools: React, Node.js, MongoDB
  ○ Developed a full-fledged learning management system that enables course creation, user authentication, and role-based access control. The platform allows administrators to manage courses, while students can register, enroll in courses, and track their progress.

EXPERIENCE

- **AI Travel Planner – Python + ML Powered Trip Recommender** — **Jan 2025 – May 2025**
  Self-Project | — **Remote**
  ○ Built an AI-powered travel planner using Python (scikit-learn, OpenCV) integrated with React and Firebase via Node.js APIs for personalized recommendations and image-based landmark detection.

- **Internpe** — *June 2024 - July 2024*
  Web Developer Intern — **Remote**
  ○ Developed responsive web pages with HTML, CSS, and JavaScript, collaborating with designers to enhance user interfaces and ensuring cross-browser compatibility through testing and debugging.

- **Prodigy InfoTech** — *September 2024 - October 2024*
  Software Developer Intern — **Remote**
  ○ Contributed to developing and debugging web apps with React and Node.js, collaborating remotely to meet project deadlines and optimize UI performance.

- **Recursion Hackathon** — *24-hour Hackathon*
  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

CERTIFICATIONS

- Google Cloud Associate Cloud Engineer (ACE) — Google Cloud — *8 April 2024*
- Full Stack Web Developer — PW Skills — *3rd July 2024*
- Backend Developer — PW Skills — *24 March 2024*
- Hackathon Participation — Recursion, Rajiv Gandhi College — *18 March 2024*

EDUCATION

- **Bachelor of Engineering – Computer Science & Engineering**

  Mumbai University | Dec 2021 – June 2025 | CGPA: 9.56 | Versova, Maharashtra

- **HSC & SSC – VKKM / Oxford High School, 2009–2021 | Grades: 91% / 87%**

ADDITIONAL INFORMATION

Languages: English (Fluent), Hindi (Native), Marathi (Conversational), Nepali (Conversational)
Interests: Web Development, AI/ML, Open-Source Projects, Competitive Coding.