Anuj Maharjan

Software Engineer | AWS Certified Developer: Associate | AWS Certified ML Engineer: Associate

Toledo, OH | 419.494.7550 | anjmhrjn1@gmail.com

Summary

Software Engineer with **2+ years of experience** in **scalable web development** using **React.js, Node.js, and Python**. Skilled in **API design, SQL-based data analysis, full-stack development** and **applying machine learning concepts for real-world solutions**. **AWS Certified Developer & Machine Learning Engineer**.

Experience

Software Engineer | DigiTechnology Nepal   **August, 2022 – July, 2024**

- Led the development of a **Learning Management System (LMS)**, optimizing the database to support **1,000+ concurrent users** during online exams.
- **Built** a **real-time business dashboard** using **React.js and Node.js**, integrating complex **SQL queries** for data analytics.
- **Developed and optimized** secure **API endpoints** for authentication, user management, and data processing, **boosting response efficiency by 40%**.
- **Improved performance** by refining database queries and implementing caching, **reducing API response times by 40%**.

Software Developer | Kaii Group   **August, 2021 – July, 2022**

- Developed backend services and APIs using **Django Rest Framework** for web and mobile applications.
- Contributed to a **data processing tool**, which automated large-scale data ingestion, improving efficiency by 30%.
- Helped develop **customer relationship management (CRM) software**, with secure authentication and role-based access control.
- Conducted extensive testing and debugging, reducing system downtime by identifying and fixing performance bottlenecks.

Education

The University of Toledo, MSc. Computer Science (concentration in AI) | Toledo, OH   **2024 – May, 2026(Expected)**

Softwarica College of IT and E-Commerce, BSc. (Hons) in Computing | Kathmandu, Nepal   **2019 - 2022**

Certifications

AWS Certified Developer – Associate | Amazon Web Services (AWS) | March, 2025 - March, 2028

AWS Certified Machine Learning Engineer – Associate | Amazon Web Services (AWS) | August, 2025 - August, 2028

Projects

- **Developed an AI-powered personal chat bot** to answer user queries about my background and expertise.
- **Built a document uploader with automated text extraction and database indexing** for quick document search and retrieval.

Skills

- **Frontend**: React.js, Next.js, HTML, CSS, JavaScript, TypeScript
- **Backend**: Node.js, Django, Django Rest Framework
- **Programming**: Python, Java, C, C++, JavaScript
- **Cloud & DevOps**: AWS (S3, Lambda, EC2, DynamoDB, IAM), Docker, CI/CD
- **Database**: MongoDB, MySQL, PostgreSQL
- **AI/ML:** Prompt Engineering, LLM Fine Tuning, Generative AI, Retrieval Augmented Generation development
- **Other**: Data structures and algorithms, Github, Gitlab, Web Security, Authentication & Authorization