Kanishka Sonkar

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EDUCATION

Indian Institute Of Technology, Jodhpur　　　　　　　　　　　　　　　　　Jodhpur, IN
Bachelor of Technology, [CGPA: 7.34/10]　　　　　　　　　　　　　　　　*July 2019 – May 2023*

EXPERIENCE

Software Engineer II　　　　　　　　　　　　　　　　　　　　　February 2025 – Present
Catalogus　　　　　　　　　　　　　　　　　　　　　　　　　　*Gurgaon, Haryana*

- Engineered a custom **ETL** pipeline for Shopify product import, enabling users to define brands, map system product types, and ingest product data by extracting from Shopify's '.json' endpoints or scraping via **Cheerio** selectors. Designed transformation logic to normalize inconsistent data structures and integrated **n8n workflows** for fallback extraction, ensuring complete and accurate product onboarding across diverse Shopify storefronts.
- Spearheaded the development of a complete **Automated Billing Management System** using **Node.js, MongoDB**, and **Next.js**, including complex aggregation queries, **REST APIs**, and full-stack integration. Integrated AI job execution logging with **Amazon Redshift** to track token usage across different jobs, enabling precise usage-based billing.
- Designed and implemented a robust Excel-based product import feature, enabling clients to seamlessly upload product data. The system auto-maps attributes and offers customizable options to ensure a smooth onboarding experience.
- Integrated an AI-powered white background image generation module using **AWS Bedrock**, allowing clients to meet marketplace requirements (e.g., Amazon) for product images with clean white backgrounds.
- Tech Stack: **Next.js (Frontend)**, **Node.js (Backend)**, **MongoDB (Database)**, **AWS Bedrock (AI Integration)**

Software Development Engineer　　　　　　　　　　　　　　　August 2023 – Feburary 2025
Amigo Softcom LLP　　　　　　　　　　　　　　　　　　　　　　*Gurgaon, Haryana*

- Developed and deployed user profile functionalities and customer portals using **Next.js, Node.js, MySQL**, and **MongoDB**, ensuring robust and scalable solutions For invoice generator application.
- Optimized database performance with **Redis caching**, indexing, and proficient database management, handling large datasets and external APIs using **Python** scripts
- Created a comprehensive platform for resume building and job applications, integrating **Elasticsearch** for candidate search, and enhancing SEO performance using **Golang**
- Successfully deployed projects to production with Digital Ocean, demonstrating expertise in server management, CI/CD integrations, and seamless deployment processes.
- Delivered a responsive and optimized statistical website similar to Moneycontrol, effectively managing front-end and backend operations with HTML, CSS, JavaScript, and Golang.
- Applied **SOLID principles**, design patterns, and **Domain-Driven Design** to improve code maintainability and scalability.

PROJECTS

Store Monitoring System

- Built a restaurant activity monitoring system using **Python, FastAPI, and MySQL**.
- Processed and ingested CSV data into a relational database to track store uptime/downtime against defined business hours.
- Implemented asynchronous report generation with FastAPI's background tasks, exporting results in CSV format.
- Designed API endpoints to monitor report generation status via polling mechanisms.
- Deployed with **Uvicorn** for efficient, lightweight backend service.
- **Skills:** Python, FastAPI, MySQL, Uvicorn, Async Programming, CSV Parsing

SKILLS

Programming Languages: Java, Kotlin, C, C++, Python, TypeScript, JavaScript, Golang
Mobile Development: Android (Java/Kotlin), Flutter
Web Development Frameworks: React.js, Node.js, Next.js
Databases: MySQL, MongoDB, Elasticsearch, Redis
Cloud and Tools: DigitalOcean, Git, Docker,AWS