Sunny Ka Patel

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EDUCATION

University of Saskatchewan — Saskatoon, SK
Bachelor of Science in Computer Science, Minor in Mathematics — *Jan. 2019 – June 2024*

TECHNICAL SKILLS

Languages: Python, Java, C, C#, SQL, PostgreSQL, JavaScript, Typescript, Swift, XML

Web Technologies: React, Angular, Node.js, MongoDB, Tailwind, FastAPI, Flask, JUnit, WordPress, Next

Developement Tools: Git, Docker, Figma, Power BI, VS Code, PyCharm, IntelliJ

Libraries: pandas, NumPy, Matplotlib, Seaborn, SQLAlchemy

Software Engineering Concepts: Agile, Scrum, Waterfall, TDD, MVC, OOP

EXPERIENCE

Software Developer – Home With Jo | Link — Mar. 2024 – Jan. 2025
- Led the end-to-end development of a blogging website for an interior designer, increasing site views by 80% within 2 months through a custom WordPress theme built using PHP, Tailwind CSS, and SEO optimization.
- Designed and prototyped the website in Figma, translating client requirements into a visually appealing, user-friendly layout that achieved a 98% client satisfaction.
- Optimized website performance by reducing load time by 30%, implementing best practices in responsive design, backend logic, and API integration for seamless functionality.

IT Help Desk Technician – University of Saskatchewan — Sep. 2021 – April 2022
- Provided Tier I technical support, troubleshooting, and resolution of technical issues & deficiencies.
- Maintained devices such as computers, printers, and other peripherals, reducing downtime by 25%.
- Delivered high-quality service by identifying, diagnosing, and resolving technical problems, achieving a 90% resolution rate for support tickets.

Software Developer Intern – Konsultoo Software Consulting, India — May 2018 – Nov. 2018
- Developed and customized Odoo ERP modules, including Point of Sale, Repair, and Invoice, resulting in a 30% improvement in order processing speed and 20% reduction in manual errors for the service industry.
- Implemented a user-friendly POS system capable of processing corporate orders with 50+ items simultaneously, reducing order handling time by 40% and enhancing efficiency in receipt printing and labeling.
- Optimized backend processes using PostgreSQL and Python, increasing system reliability by 25%, supporting up to 20,000 concurrent users, and maintaining secure, role-based access to operational data.

PROJECTS

Reddit Data Analysis | *Python, SQL, PowerBI*
- Conducted data extraction and analysis by scraping Reddit pages using Python to identify trending topics and frequently used keywords in specific communities and subreddits.
- Cleaned, transformed, and categorized large datasets to ensure accurate data representation.
- Utilized Power BI to visualize trends and present key findings in an easily understandable format, improving the interpretation of insights.

NutriMate | *React, Flask, PostgreSQL*
- Developed a full-stack web application that recommends recipes based on available ingredients, dietary preferences, and nutritional goals, integrating the Spoonacular API for nutritional data and analyzing detailed micronutrient information (vitamins, minerals).
- Designed and implemented a PostgreSQL database schema for recipes, ingredients, and user meal plans using SQLAlchemy, allowing for efficient querying and tracking of user preferences and nutritional intake.
- Utilized Flask for server-side development, integrating user authentication with Firebase and providing a secure, personalized experience, while applying data analytics to refine recipe suggestions and meal planning.

Shifty | *JavaScript, Bootstrap, Express, MongoDB*
- Spearheaded the development of a full-stack web application for restaurant scheduling, leading a team of 4 in a collaborative effort to deliver a high-quality project.
- Created personas, epics, and user stories in the early stages of the project to determine the requirements for the app and ensure the project met the needs of its intended users. Adhered to Agile development methodology including regular scrum meetings to ensure a high-quality and polished final product.
- Integrated a wide range of features including encryption, credential validation, employee and manager management, availability management, shift swapping, time-off requests, schedule creation, sharing and conflict resolution, that contributed to the overall success of the project.

CERTIFICATIONS

Data Analyst Certification — DataCamp   Dec. 2024

Google IT Support Professional — Coursera   July 2021