KARAN AJMERA, PMP

Fremont, CA 94539 | karanajmera08@gmail.com | (240) 472-5919 | https://karanajmera.netlify.app | www.linkedin.com/in/karanajmera

PROFESSIONAL SUMMARY

Detail-oriented and analytical professional with a background in IT and Telecomm. Master's degree holder in IT and seeking to leverage programming skills, problem-solving abilities, and industry experience in a software engineering role. Proficient in multiple programming languages and frameworks with a passion for continuous learning and development.

EDUCATION

M.S. Information Technology, University of North America   Sep 2021
M.S. Telecommunications Engineering, University of Maryland   May 2016

CERTIFICATIONS

Meta Front-End Developer, Coursera   Oct 2024
Project Management Professional PMP, Project Management Institution (PMI)   Aug 2021
Programming for Everybody, Coursera   Dec 2019
Python Data Structures, Coursera   Dec 2019

TECHNICAL SKILLS

- Programming Language: C++, Python, JavaScript, HTML, CSS, SQL
- Frameworks/Libraries: Django, Flask, React
- Tools/Platforms: Git, GitHub, VS Code
- Others: Agile Methodologies, RESTful API, MySQL

PROJECTS

E-Commerce website   Apr 2024 – Jul 2024
- Developed and deployed a full-stack website with Django for backend, ensuring scalability and robust performance.
- Developed backend functionalities for user authentication, product management, and order processing using Django
- Managed front-end with HTML, CSS, Bootstrap, and JavaScript, delivering a responsive and user-friendly interface
- Implemented CRUD operations for website products, utilizing MySQL for data management

Database for managing an online retail business   Sep 2019 – Dec 2019
- Designed a relational database for a retail business using MySQL, optimizing for scalability and performance
- Developed ER diagrams and schemas to map out relationships between products, customers, orders, and inventory
- Optimized SQL queries for efficient data retrieval, improving reporting and analytics for business insights on trends
- Applied indexing and normalization techniques to enhance performance and reduce redundancy in the database

PROFESSIONAL EXPERIENCE

Senior Systems Design Engineer, T-Mobile, Concord CA   Dec 2021 – Present
- Lead cellular system designs for T-Mobile for Business group in Western US
- Gather requirements and design solutions for high profile customers like Meta, Apple, Kaiser
- **Maintain and Optimize Tool for network KPI reporting (Stretch Assignment):**
    - Optimize internal tool to tailor KPI reporting as per the needs of the team
    - Developed Python scripts to create daily reports of important KPIs like network availability, accessibility etc.
    - Used Pandas framework for cleaning, manipulating and visualizing user KPI data

Software Development Volunteer, FlyPaper Tutors, McLean VA   Jun 2020 – Aug 2020
- Designed responsive React components and implemented refresh-free web-page routing for faster performance
- Integrated Redux and refactored to functional hooks, improving readability and optimizing the codebase
- Enhanced user Experience and accomplished webpage objectives

Member of Technical Staff, Global Technology Associates, Hanover MD   Mar 2018 – Dec 2021
- Introduced Agile framework in organization, developing an understanding of scrum and its benefits
- Led and mentored agile teams in the execution of software development and product enhancement projects

Software Engineer Intern, Rajkamal Barscans, Mumbai India   Mar 2013 – Mar 2014
- Contributed to development of robust, scalable web application using Django
- Code review and bug fixing of existing functionalities like user authentication, email notification
- Applied DRY (Don't Repeat Yourself) principles in Django views and models, ensuring clean, maintainable code