

KARAN AJMERA, PMP

Fremont, CA 94539 | karanajmera08@gmail.com | (240) 472-5919 | 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

React Basics by Meta , Coursera	Jul 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
- Databases: MySQL
- Others: Agile Methodologies, RESTful API

PROJECTS

E-Commerce website	Apr 2024 – Jul 2024
<ul style="list-style-type: none">• Designed and implemented a functional e-commerce website using Django framework• Developed backend functionalities for user authentication, product management, and order processing using Django• Created responsive and user-friendly interfaces with HTML, CSS, JavaScript, and Bootstrap• Built RESTful APIs for frontend-backend communication• Designed and implemented database schemas for CRM functionalities	
Database for managing an online retail business	Sep 2019 – Dec 2019
<ul style="list-style-type: none">• Created MySQL database to manage clients, products and orders for an online retail business• Designed logical layout and Entity Relationship Diagram for the database• Implemented Python scripting to perform CRUD functions on the database	
Single Cell Wireless Communication System simulation on Python	Feb 2015 – May 2015
<ul style="list-style-type: none">• Simulated a wireless system environment with users, monitoring network KPIs and performance• Stress tested system performance with interference caused by various sources	

PROFESSIONAL EXPERIENCE

Senior Systems Design Engineer , T-Mobile, Concord CA	Dec 2021 – Present
<ul style="list-style-type: none">• 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• Drive internal and external teams to develop and test private network products paving way for 30 additional projects• Maintain and Optimize Tool for network KPI reporting (Stretch Assignment):<ul style="list-style-type: none">○ 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
<ul style="list-style-type: none">• Contributed to backend python development of a new platform for providing free tutoring to high-school students• Code review and bug fixing of existing functionalities like user authentication, email notification	
Member of Technical Staff , Global Technology Associates, Hanover MD	Mar 2018 – Dec 2021
<ul style="list-style-type: none">• 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	