

KARAN AJMERA, PMP

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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
- Networking/Wireless: TCP/IP, UDP, DNS, OSPF, Wi-Fi (802.11), LTE, 5G

PROJECTS

E-Commerce website	Apr 2024 – Jul 2024
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<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• 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">• 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
<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	
Software Engineer , Rajkamal Barscans, Mumbai India	Mar 2013 – Mar 2014
<ul style="list-style-type: none">• 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	