

# 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

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

## CERTIFICATIONS

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

<b>E-Commerce website</b>	Apr 2024 – Jul 2024
<ul style="list-style-type: none"><li>• Developed and deployed a full-stack website with Django for backend, ensuring scalability and robust performance.</li><li>• Developed backend functionalities for user authentication, product management, and order processing using Django</li><li>• Managed front-end with HTML, CSS, Bootstrap, and JavaScript, delivering a responsive and user-friendly interface</li><li>• Implemented CRUD operations for website products, utilizing MySQL for data management</li></ul>	
<b>Database for managing an online retail business</b>	Sep 2019 – Dec 2019
<ul style="list-style-type: none"><li>• Designed a relational database for a retail business using MySQL, optimizing for scalability and performance</li><li>• Developed ER diagrams and schemas to map out relationships between products, customers, orders, and inventory</li><li>• Optimized SQL queries for efficient data retrieval, improving reporting and analytics for business insights on trends</li><li>• Applied indexing and normalization techniques to enhance performance and reduce redundancy in the database</li></ul>	

## PROFESSIONAL EXPERIENCE

<b>Senior Systems Design Engineer</b> , T-Mobile, Concord CA	Dec 2021 – Present
<ul style="list-style-type: none"><li>• Lead cellular system designs for T-Mobile for Business group in Western US</li><li>• Gather requirements and design solutions for high profile customers like Meta, Apple, Kaiser</li><li>• <b>Maintain and Optimize Tool for network KPI reporting (Stretch Assignment):</b><ul style="list-style-type: none"><li>○ Optimize internal tool to tailor KPI reporting as per the needs of the team</li><li>○ Developed Python scripts to create daily reports of important KPIs like network availability, accessibility etc.</li><li>○ Used Pandas framework for cleaning, manipulating and visualizing user KPI data</li></ul></li></ul>	
<b>Software Development Volunteer</b> , FlyPaper Tutors, McLean VA	Jun 2020 – Aug 2020
<ul style="list-style-type: none"><li>• Designed responsive React components and implemented refresh-free web-page routing for faster performance</li><li>• Integrated Redux and refactored to functional hooks, improving readability and optimizing the codebase</li><li>• Enhanced user Experience and accomplished webpage objectives</li></ul>	
<b>Member of Technical Staff</b> , Global Technology Associates, Hanover MD	Mar 2018 – Dec 2021
<ul style="list-style-type: none"><li>• Introduced Agile framework in organization, developing an understanding of scrum and its benefits</li><li>• Led and mentored agile teams in the execution of software development and product enhancement projects</li></ul>	
<b>Software Engineer</b> , Rajkamal Barscans, Mumbai India	Mar 2013 – Mar 2014
<ul style="list-style-type: none"><li>• Contributed to development of robust, scalable web application using Django</li><li>• Code review and bug fixing of existing functionalities like user authentication, email notification</li><li>• Applied DRY (Don't Repeat Yourself) principles in Django views and models, ensuring clean, maintainable code</li></ul>	