

Ramanpreet Bhatia

Technical Project Manager
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Summary

Experienced Technical Project Manager with a Master's degree in Computer Science and an MBA. Skilled in project management, communication, and leadership. Proficient in Python, Java, C, C++, SQL, Git, VM, Non-Relational Databases, CI/CD, APIs, Django, ReactJS, NodeJS, Unix, and Linux.

Skills

Python

Java

C

C++

SQL

Git

VM

Non-Relational Databases

CI/CD

APIs

Django

ReactJS

NodeJS

Unix

Linux

Experience

Software Application Engineer, Workday Inc, Pleasanton, CA (Sept 2021 - Present)

- Developed financial application using Java and OOP techniques.
- Developed APIs for testing to make HTTP requests and simulate responses when the backend Machine Learning model is unavailable using Python FastAPI.
- Conducted unit tests to ensure high-quality software and created automation scripts for feature testing and end-to-end release testing.
- Participated in agile development process and collaborated on code reviews, knowledge sharing, and mentoring.
- Developed and maintained CI/CD scripts ensuring continuous integration and delivery of high-quality software releases using dockers & shell scripts.

Software Quality Intern, Helpsy Health, San Jose, CA (May 2020 – Aug 2020)

- Worked with development team to diagnose and fix app bugs.
- Created project plan covering budget, release cycle, sprints, etc.

Graduate Student, University of Pennsylvania, Philadelphia, PA (Aug 2019 – Dec 2022)

- Designed & developed apps using OOP, unit testing, data modeling, architecture, and publicly available data. Used AWS computer environment, MySQL.
- Executed data cleansing, loading, and query optimization.
- Built minimalist UIs for the projects in a collaborative environment.
- Built apps using DRY, CRC & OOD principles.
- Leveraged Git to maintain the code and collaborate with team members.

Project Manager in Software and Data Engineering Teams, IQVIA, McKesson, Verizon, Highmark, CareSource, Various (2011 - 2019)

- Consulted as IT project manager for healthcare and tech firms.
- Led data curation and engineering teams with daily SCRUM standups.
- Gathered customer requirements and managed applications as portfolio manager. Improved SDLC processes and drove best practices.
- Developed and executed project plans with \$2M budget.

Education

Masters in Computer Science (MCIT), University of Pennsylvania, Philadelphia, PA (Dec 2022)

Master of Business Administration (MBA), Winston Salem State University, Winston Salem, NC (Dec 2010)

Bachelor in Science (BSc), Indira Gandhi National University, New Delhi, India (Jun 2010)

Projects

Hospital Ranking App

Designed & developed hospital ranking app using OOP, unit testing, data modeling, architecture & publicly available data using Python. Built a minimalist UI using ReactJS.

Nearby Recommendation App

Developed recommendation app for restaurants, schools, crime, population & income using AWS, MySQL, ReactJS. Included data cleansing, loading, and query optimization.

Healthy Food App

Developed a CLI based app to search for healthy products utilizing the large OpenFood database using AWS computing env.

Spell Checker App

Developed games and apps in Java using DRY, CRC & OOD principles.

Work Authorization: Green Card