

Vanditkumar Prajapati

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EDUCATION

Stevens Institute of Technology | Hoboken, NJ
Master of Engineering | Engineering Management
Graduate Certificate: Project Management

Dec 2019

GPA 3.32/4.0

Project Management Institute

Certified Associate in Project Management (CAPM)

Kansas State University | Kansas, USA

Aug 2016

International Exposure Program

Babaria Institute of Technology | Vadodara, India

May 2017

Bachelor of Engineering | Mechanical Engineering

EXPERIENCE

Project Manager

Sept 2018 – Dec 2019

TekniQi Solutions

- Created/analyzed process workflows, proposed and tracked metrics, implemented improvements to increase efficiency of existing processes by 11%
- Assisted and coordinated with the team for managing technology project lifecycle (planning, tracking milestones completion, budget and schedule)
- Prepared executive reports, presentations, project documentation and supplementary material including data visualization and interpretation

Project Coordinator

Jan 2017 – Nov 2017

Kartar Industries | Bhopal, India

- Leveraged RFP analysis, Pre-Sale project estimating, scoping, pricing and contract presentation
- Implemented business process improvements by pooling technical resources across multiple projects resulting in 25% reduction in technical resource costs and operational excellence
- Account management and implementation of agile scrum methods for deliverables

Project Coordinator

May 2015 – Apr 2016

Hotel Harimangala Pvt. Ltd. | Bharuch, India

- Worked and coordinated with project manager in planning projects and preparing BRD, FRD
- Managed and consolidated the schedules of project team members
- Arranged meetings with suppliers and team members

ACADEMIC PROJECTS

Decision Support System for building a Soccer team, Decision & Risk Analysis

Dec 2019

- Created a Decision support system for users to select their own soccer team based on budget
- User had the choice of ranking and rating the attributes based on which preferred team formation was suggested
- Checked uncertainty by performing Monte-Carlo Simulation on each of the attributes which exploited the player's total utility score

Project Analysis on Construction of a 4-star hotel, Project Management

Dec 2018

- Generated project scorecard including shareholder value, stakeholder value, output value and process value
- Used various Strategic Perspectives of Project Management and critical chain methodology to shorten the timeline
- Recommended Project Management solution to improve the identified situation

Modeling and simulation of Stevens Shuttle System.

Dec 2018

- Generated feedback regarding users experiences while using the Stevens shuttle service
- Designing a plan to improve the shuttle service by understating and analyzing the wait time at shuttle stops
- Utilizing various simulation and modeling techniques to provide a better running frequency of shuttles

SOFTWARE

MS Project, Jira, Advanced Excel, Primavera, Smartsheet, SQL Server, MySQL, Python, R, Tableau, Procore

SKILLS

- Project Management
- Project Scheduling
- Risk Management
- Project Analytics
- Business Process Management
- Agile Methodology
- Waterfall Methodology
- Scrum and Kanban
- Critical Chain
- Data Analytics
- Simulation and Modeling

COURSEWORK

- Project Analytics
- Strategic Perspectives of Project Management
- Project Management of Complex Systems
- Leading Across Projects
- Decision and Risk Analysis
- Engineering Economics and Cost Analysis
- Informatics for Engineering Management
- Operations Research

CO-CURRICULAR ACTIVITIES

- National level cricket player, India
- Player of the tournament and best batsman for inter county USA cricket league
- Co-organized; headed logistics, planning & volunteer departments and led a team of 60 volunteers for Blood Donation Drives in India
- State level volleyball player

Tesla Semi Academic Project, Project Management

May 2018

- Designed a software development outline using agile methodology for Tesla Semis to improve production efficiency by 8%
- Streamlined existing processes while accounting for budgetary constraints, resource allocations & workforce limitations
- Daisy chained co-existing projects to increase admin productivity by 15% while reducing working time by 11%
- Generated a dynamic, inter-connected scalable status board with almost real-time updates for administrators

Gun Violence Incidents in USA, Data Analysis

May 2018

- Developed a plan to generate analysis for gun violence by using tools like Python and Tableau
- Generated an analysis to identify major areas for gun violence using clustering and data manipulation
- Designed a dashboard by generating various analysis to demonstrate the data using Tableau

SOFT SKILLS

- Leadership
- Problem solving
- Excellent verbal and written communication skills
- Self-motivated
- Time management
- Emotional Intelligence
- Conflict Resolution
- Strong interpersonal skills