Prathamesh Ramchandra Satardekar

PMP® Certified Project Manager

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PROFESSIONAL SUMMARY:

Certified Project Management Professional (PMP)® with 7 years of experience leading engineering and technology initiatives. Proven track record in leading diverse teams to exceed business goals through strategic leadership. Expert in Agile methodologies and committed to enhancing operational efficiency and driving company growth.

SKILLS:

- **Project Management:** Agile and Scrum Methodologies, Project Life Cyle Management, Resource Allocation, Risk Management, Stakeholder Engagement, Operations Management, Negotiation Skills
- **Operations Management:** Process Optimization, Office Workflow Management, Talent Acquisition, Vendor Coordination, Operational Efficiency
- **Technical Proficiency:** Python Programming, Embedded Systems, Machine Learning, Artificial Intelligence, Industrial IoT, Generative AI, Amazon Web Services, Drone Technology, Robotics, Git, 3D Printing, Robotic Process Automation, Emerging Technologies
- **Tools and Platforms:** JIRA, Trello, Zoom, Google Workspace, Jupyter, Tensorflow, VirtualBox, VS Code, GitHub, ThingSpeak, Blender, Arduino, MPLAB, PSoC Creator, Word, Excel, PowerPoint, Photoshop, Zoho Books
- **Leadership and Communication:** Strategic Planning, Conflict Resolution, Team Development, Technical Training, Digital Transformation, IT for Business Transformation
- **Additional Skills:** GST Invoice Management, Image Editing Proficiency, Stock Market Investment

PROFESSIONAL EXPERIENCE:

- **Operations Manager | Vanmat Technologies Pvt. Ltd. | January 2025 – present**
  - Leading the end-to-end development of a scenario-based simulation-driven LMS portal with the development team; achieved 75% project completion in 5 months, driving product innovation for AI-based training delivery.
  - Assisted in delivering corporate capability-building programs on AI and GenAI for business leaders at Mahindra and RPG Group; managed logistics and training support, contributing to successful upskilling of 70 Mahindra and 120 RPG employees to drive digital transformation initiatives.
  - Coordinating IT consultancy projects and operational workflows ensuring seamless integration of technology solutions into client operations.
- **Senior Manager | Vanmat Technologies Pvt. Ltd. | January 2022 – December 2024**
  - Assisted in early-phase delivery of AI-focused corporate capability programs for clients like Mahindra and RPG Group, training over 220 employees between 2023 and 2024.
  - Led a cross-functional team of 5+ engineers, completing 10+ high-impact projects on time, improving project delivery timelines by 25% through the implementation of Agile methodologies.
  - Directed the ToT-ToA Drone Training Program in collaboration with the Electronics Sector Skills Council of India (ESSCI), coordinating 22 sessions over 704 hours and certifying 142 ITI faculty members, while managing logistics, trainer allocation and equipment supply.
  - Led recruitment process and operational improvements by hiring 4 high-performing team members (from 50+ candidates), increasing team productivity by 30%, and streamlining office workflows and accounting processes for greater administrative efficiency.
- **Engineering Manager | Vanmat Technologies Pvt. Ltd. | January 2021 – December 2021**
  - Supervised a team in creation of innovative content and effective training programs on emerging technologies such as IoT, Machine Learning, and Drone Technology, enhancing participant skill competency by 20%.
  - Spearheaded full project lifecycle for the setup of educational labs in domain of AI, Robotics, AR-VR and Drones across 61 Army Public Schools, including procurement, logistics, and client training, delivering the project under challenging conditions during COVID-19.
  - Optimized office workflows and oversaw accounting processes, contributing to overall financial health.
- **Senior Systems Engineer | Vanmat Technologies Pvt. Ltd. | August 2019 – December 2020**
  - Developed comprehensive training materials and led technical operations and logistics, ensuring smooth execution of 12 training programs.
  - Designed and delivered technical training programs, including Python, Machine Learning and Embedded Systems, training over 300 students across various institutions and delivering over 2000 training hours, enhancing the knowledge base of participants.

- **Systems Engineer | Vanmat Technologies Pvt. Ltd. | August 2018 – July 2019**
  - Assisted in the development of 4 emerging technology solutions, including IoT and AI products, ensuring successful deployment of projects that aligned with both internal and client specifications.
- **Junior Systems Engineer | Vanmat Technologies Pvt. Ltd. | September 2017 – July 2018**
  - Supported the development of 2 innovative technology solutions, including AI and Embedded Systems, contributing to the successful execution of foundational projects.

EDUCATION:

- **Bachelor of Engineering (BE) in Electronics**
  - Vidyalankar Institute of Technology | 7.48 CGPA | Graduated in 2017

CERTIFICATIONS:

- **Project Management Professional (PMP)® Certificate**
  - Issued by PMI | 4134029 | 30 June 2025
- Google Project Management Professional Certificate
  - Issued by Coursera | TJUC468UXPXD | 28 July 2024
- Certified Master Trainer in Drone Service Technician
  - Issued by ESSCI | August 2022
- Certified Master Trainer in Drone Manufacturing and Assembly Technician
  - Issued by ESSCI | August 2022
- Microchip Certified Trainer in Embedded System Development
- ARM Certified Trainer in Embedded System Development
- Cypress Certified Trainer in Embedded System Development

PROJECTS:

- **EduvanceAI LMS | Vanmat Technologies Pvt. Ltd. | January 2025 – present**
  - Leading the development of a scenario-driven chatbot-integrated LMS platform with a team of 5 developers; achieved 75% project completion within 5 months.
  - Guiding team members on UI/UX design and QA processes alongside other project tasks to ensure timely delivery and alignment with learning objectives.
- **ToT-ToA Drone Training Program | Vanmat Technologies Pvt. Ltd. | November 2022 – December 2023**
  - Directed 22 training sessions over 700 hours, certifying 142 NSTI/ITI faculty members across India.
  - Coordinated logistics, scheduling, travel and equipment, enhancing training delivery.
  - Guided 8 sessions personally, bolstering the company's training excellence reputation.
- **Army Public School Lab Setup | Vanmat Technologies Pvt. Ltd. | August 2021 – October 2022**
  - Established advanced educational labs related to Robotics, AR-VR-AI, Drone, and Space in 61 APS institutes in NorthEast command amid COVID-19.
  - Coordinated procurement, logistics and strategic planning, ensuring timely delivery and facilitating remote orientation for faculties.
- **Technology Training Programs | Vanmat Technologies Pvt. Ltd. | August 2018 – July 2021**
  - Delivered 3000+ hours of specialized training in IoT, Embedded Systems, Machine Learning, and Drone technology enhancing the skills of over 1500 students and faculty members.
  - Coordinated 25 training sessions with detailed scheduling, accommodations, and resource allocation, ensuring high-quality program execution.
- **Autograder | Vanmat Technologies Pvt. Ltd. | September 2017**
  - Developed 2 automatic grading services for various embedded hardware platforms used as part of gradeME™, an advanced skill assessment platform for the electronics industry.

PATENTS:

- **System for Bike-Rider Notifications | 362131 | 19 March 2021**
  - Contributed to the development of an innovative bike rider notification system that integrates a wireless communication module with sensory output devices, enabling real-time alerts to enhance rider safety.
- **A Pre-Warning System for a Movable Partition | 509924 | 12 February 2024**
  - Contributed to the development of a pre-warning system with dual detector modules that detect user presence beyond the line of sight, triggering real-time alerts to enhance safety around movable partitions.