Prathamesh Patil

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Professional Summary

Product-focused professional with 4 years of Software Quality Assurance experience across enterprise desktop (`.exe`), web, and mobile applications in B2B SaaS and Intelligent Transportation Systems (ITS). Combines technical expertise in software quality, risk assessment, and cross-functional delivery with hands-on product management experience as **Founder & Product Manager at Happy Clinic**. Experienced in customer discovery, requirements definition, PRD creation, user story development, backlog coordination, developer collaboration, and feature validation. Skilled in AI-assisted code analysis, risk assessment, and test generation using **Claude, ChatGPT, Gemini, Cursor, and Copilot**. Holds a Product Management certification and is pursuing an **MBA in AI for Business**, bringing together customer-focused product thinking, technical depth, and business-oriented problem-solving.

Skills

Testing Expertise
Manual Testing, API Testing, Functional Testing, Regression Testing, Performance Testing, Security Testing, Usability Testing, Exploratory Testing, Cross-browser Testing, Mobile Testing, Database Testing, Desktop Client (.exe) Testing, System Integration Testing (SIT), End-to-End (E2E) Testing, Risk-Based Testing

Tools & Frameworks
Postman, Playwright, CI/CD, JIRA, Git, GitHub, TestRail, Datadog, MongoDB Compass, Android Studio, Chrome DevTools, TestFlight, SSMS (SQL Server Management Studio), SQLCMD, mRemoteNG

AI Tools & Workflows
ChatGPT, Claude, Gemini, Cursor, GitHub Copilot, LLM-Assisted PR Code Review, AI-Driven Test Generation and Log Analysis

Languages & Scripting
Python, MySQL, MS SQL Server, JavaScript

Product Management
Product Roadmapping, Requirement Analysis, Requirement Prioritization, Requirement Gathering, User Story Creation, Stakeholder Management, Market Research, Product Ideation, User Empathy

Agile & Scrum
Sprint Planning, Sprint Retrospectives, Backlog Grooming, Story Estimation, UAT Collaboration, Cross-functional Collaboration

Quality Processes
SDLC, STLC, Test Strategy, Test Planning, Test Documentation, Bug Reporting, Defect Life Cycle, Root Cause Analysis, Metrics and Reporting, UI/UX Evaluation

Professional Skills
Communication, Problem-Solving, Mentoring, Conflict Resolution

Work Experience & Key Projects

QA Engineer July 2025 – Present

Hitachi Rail *(contracted via Braves Technologies), Pune, India*

Key Project: CleverCAD & BusTime Multi-System Integration (Role: QA Engineer) *July 2025 – Present*

- Validated end-to-end workflows across **CleverCAD** (Windows `.exe` dispatch application), **BusTime** (real-time passenger information web app), and connected transit modules through functional and interoperability testing, contributing to a **98% defect-free release rate**.
- Reviewed Pull Requests using **Cursor, Claude, ChatGPT, and Copilot** to identify cross-module dependencies, edge cases, and regression risks, enabling risk-focused test coverage.
- Managed remote Virtual Machines using **mRemoteNG**, configuring desktop `.exe` clients and web environments to validate multi-version deployments and cross-system interactions, improving test efficiency by **35%**.
- Validated dispatch and fleet workflows, including route detours, schedule adherence, emergency alerts, and operator messaging, using **SSMS** and **SQLCMD** to verify cross-module data integrity and identify **40+ critical synchronization defects** before release, with **99.9% synchronization accuracy**.
- Developed and executed test cases, tracked defects in **JIRA**, and collaborated with developers, Product Owners, and product teams to communicate issue impact, support prioritization discussions, and accelerate resolution, reducing defect turnaround time by **30%**.

Founder & Product Manager (Part-Time) 14 Aug 2026 – Present

Happy Clinic *(early-stage product in development)*

- Conducted early discovery conversations with doctors and analyzed public feedback on clinic-management tools to identify workflow pain points and define initial product requirements.
- Created the Product Requirements Document (PRD), translated requirements into user stories and development tasks, and managed the delivery backlog in **GitHub Projects**, including task assignment, developer coordination, and feature validation against requirements.

Associate QA Engineer Nov 2022 – July 2025

24/7 Software*, Pune, India*

- Designed and executed test plans covering new features, regression, and usability across enterprise web and mobile platforms, running **100+ cross-platform scenarios** and achieving **98% feature parity** and **97% bug-free releases**.
- Analyzed customer feedback and product usage trends to identify feature gaps and refine test scope, contributing to a **20% reduction in support tickets** and improved user experience.
- Served as QA point of contact during Agile sprints, collaborating with PMs and developers on defect triage and resolution, shortening test-feedback loops by **30%** and reducing average defect resolution time by **40%**.

Project: CMMS – Computerized Maintenance Management System (Role: QA Lead) *Nov 2022 – July 2025*

- Led the end-to-end QA effort for mobile and web CMMS applications, overseeing test planning, prioritization, defect triage, and coordination across all testing phases while increasing overall test coverage by **60%**.
- Built and maintained automated **Postman**-based API testing suites and utilized AI-driven prompt workflows to generate test scripts and validate payloads, cutting manual API testing effort by over **60%** and saving **50% overall regression effort**.
- Contributed key product insights and QA root-cause analysis that resolved a high-priority iOS issue, directly helping close enterprise deals with **European clients**.
- Mentored junior QA team members, facilitated product-focused knowledge sharing sessions, and aligned test cases with business requirements to improve defect detection efficiency and reduce rework cycles.

IMS & Checkpoint App – Incident Management, Tag Scanning and Patrol Tracking *Feb 2023 – Mar 2025*

Role: Assistant QA

- **IMS (Oct 2024 – Mar 2025):** Owned QA coverage for incident creation, escalation, and resolution across web and mobile platforms, reducing post-deployment issues by **40%** and improving escalated-ticket turnaround time by **25%**.
- **Checkpoint App (Feb 2023 – Apr 2023):** Validated GPS tracking, authentication, real-time synchronization, and web reporting; identified **30+ usability enhancements** and contributed to a **30% improvement in app-store ratings**.

Independent Projects

Eco Speed Test | ecospeedtest.com *Independent Project*

- Developed a website that measures download speed, upload speed, and latency, and estimates internet-related carbon emissions across daily, weekly, monthly, and yearly periods.
- Presented estimated carbon-offset equivalents, including illustrative tree-planting equivalents, to help users understand the environmental impact of internet usage.

Education

MBA in AI for Business 2026 – 2027

Jindal Global Business School *Expected Graduation: 2027*

B.Tech in Computer Science and Engineering July 2019 – June 2023

Lovely Professional University, Punjab, India *CGPA: 8.04/10*

Certifications

- Becoming a Product Manager – International Institute of Business Analysis
- Workshops in API Testing and Agile Methodologies