

HEMANT KUMAR

PRODUCT OWNER | AUTOMATION DOMAIN | SOFTWARE ENGINEERING | AGILE LEAD

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PROFILE

Results-driven Product Owner with 12+ years of experience in software development, Agile methodologies, cloud computing & data analytics, and in Domains such as Automation, Automotive, Locomotive & Aerospace. Expertise in backlog management, user story creation, stakeholder engagement, software change request management, and structured software engineering. Adept at collaborating with engineering teams, UX designers, and business leaders to define, prioritize, and deliver high-impact products. Passionate about technical innovation, problem-solving, and driving digital transformation.

SKILLS & EXPERTISE

- **Product Backlog Management & Agile Execution** – Scrum, SAFe, Kanban
 - **Software Engineering & Change Request Management** – Requirement Analysis, EPCIS, Feature Prioritization
 - **User Story Definition & Acceptance Criteria** – Business Needs Translation, Feasibility Analysis
 - **Cloud Computing (Azure) & Data Analytics** – Azure, API Integration, CI/CD Pipelines, Data Analytics
 - **Software Problem Management** – Issue Resolution, Root Cause Analysis, Escalation Handling
 - **Technical Solutioning & Requirements Engineering** – Process Optimization, Technical Debt Management
 - **Stakeholder Collaboration & Business Strategy** – Decision-Making, Cross-Functional Communication
 - **User Acceptance Testing (UAT) & Test Automation** – Automated & Manual Testing, Validation
 - **Sprint Planning, Refinement & Release Management** – Cross-Team Coordination, Iterative Development
 - **Performance Tracking & KPIs** – A/B Testing, Product Metrics, Continuous Improvement
 - **Tools:** JIRA, Confluence, Azure, GitHub, Rally, Power BI, Figma
 - **Programming Languages:** C, C++, C#, Python, ST
 - **Protocols:** CAN, I2C, ARINC, AFDX
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PROFESSIONAL EXPERIENCE

1. Senior Product Owner | Cloud (SaaS) & Data Analytics | Automation and Software Engineering

Rockwell Automation | May 2023 – Present

- Translating product requirements into engineering work items (EPCIS, Features, User Stories).
- Defining and tracking acceptance criteria for engineering tasks, ensuring alignment with stakeholder expectations.
- Collaborating with Scrum Masters and Engineering Managers to define engineering milestones and priorities.
- Working with stakeholders to refine and manage software change requests, ensuring feasibility and business value.
- Driving cloud adoption and data analytics initiatives, optimizing workflows and business insights.
- Supported UAT processes by developing test strategies and ensuring alignment with end-user requirements.

2. Product Owner | Agile & Software Development | Digital Transport Intelligence

GE Transportation (Wabtec Corp.) | April 2016 – May 2023

- Managed and prioritized the product backlog, ensuring clarity and alignment with engineering teams.
- Conducted impact analysis and feasibility studies for new feature development.
- Led software change request management, working with customers and internal teams to implement critical updates.
- Applied structured software engineering principles to optimize software delivery processes.
- Partnered with QA teams to define and execute UAT strategies, ensuring seamless deployment.

3. Lead Engineer | Data Engineering | Software Problem Management

HCL Technologies | Feb 2015 – Feb 2016

- Automated and deployed cloud-based solutions to enhance scalability and performance.
- Managed software problem resolution, including root cause analysis and escalation handling.
- Developed and executed structured software testing, ensuring robustness and reliability.
- Led change request implementations, validating customer-reported issues and providing resolutions.
- Created test automation frameworks using Python, reducing manual efforts and improving efficiency.

4. Software Engineer | Aviation & Software Engineering

Honeywell Technologies & Cyient Ltd. | Dec 2012 – Feb 2015

- Built and optimized applications with a focus on security, performance, and reliability.
- Led software integration testing and problem resolution, improving product stability.
- Conducted unit and white-box testing using LDRA on C++ code, ensuring compliance with industry standards.
- Managed software change requests and worked on structured development processes.
- Assisted in technical strategy planning, process automation, and code reviews.

EDUCATION

- **B. Tech in Applied Electronics & Instrumentation Engineering | BPUT**
 - **Post Graduate Diploma in Embedded and VLSI | C-DAC**
 - **PG Certificate in Applied Artificial Intelligence and Machine Learning | IIT Madras**
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CERTIFICATIONS

- Professional Scrum Product Owner (PSPO)
 - Cloud Computing Basics - Azure
 - Six Sigma Green Belt
 - DevOps Foundation – Lean and Agile
 - Software Security White and Yellow Belt
 - Applied Artificial Intelligence and Machine Learning | IIT Madras
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AWARDS & RECOGNITION

- **First Impression Award** – Rockwell Automation
 - **Bronze Medal for Learn and Adapt to Win** – GE Transportation (Twice)
 - **Above and Beyond Award for Project Success** – GE Transportation (Twice)
 - **Quality Excellence Award** – Wabtec Corp.
 - **Outstanding Contribution to A350 Release** – Honeywell
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PERSONAL DETAILS

- **Name:** Hemant Kumar
 - **Date of Birth:** 28/03/1988
 - **Languages Known:** English, Hindi, Odia, Kannada
 - **Gender:** Male
 - **Marital status:** Married
 - **Location:** Bangalore, India
 - **Passport:** Available
 - **Nationality:** Indian
 - **Notice Period:** 15 Days (2 Weeks)
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Declaration: I hereby declare that the information provided is true to the best of my knowledge.

HEMANT KUMAR

Website : <https://hemantkumar02.github.io/hemant-portfolio/>