

Professional Summary

Started out as a developer, later stepped into product ownership, and eventually found my place in technical project management. Over the last 5+ years, I've led teams through cloud-based SaaS rollouts, integrated systems using AWS, GCP, and Snowflake, and managed delivery in both startup and enterprise settings. Most of my work has sat at the intersection of tech and strategy — from building roadmaps and aligning with stakeholders, to rolling out Agile practices that actually stick. I've worked on everything from smart home tech to large-scale data pipelines, and I genuinely enjoy helping teams deliver cleaner, faster, and with more clarity.

Skills

Programming and Tools:

- **Project Management** - Agile, Scrum, Kanban, Lean Six Sigma, OKR's, Product Roadmaps, Backlog Prioritization, Stakeholder Management, Requirement Gathering, Release Planning, User Story Writing, Business Process Mapping
 - **Technical** - Data Analysis (SQL, Pandas, Snowflake), Processing Systems, Python, AWS, GCP, REST API's, Machine Learning (TensorFlow, Keras, Scikit-learn, OpenCV, Pandas), CI/CD Pipeline, Excel.
 - **Tools** - Jira, Aha, Confluence, Postman, Jenkins, Git, Tableau, Financial model forecasting, Snowflake, MS Project, COTS, Salesforce
 - **Soft Skills** - Leadership, Cross-Functional Collaboration, Data-Driven Decision-Making, Customer Retention Metrics, Campaign Attribution.
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Professional Experience

Tungsten Automation

Software Product Manager

Irvine, CA | Aug 2023 – Present

- When we were rolling out **SAP S/4HANA**, I stepped in to run our sprint **planning** and **backlog refinement** sessions. The team was struggling with **cross-module dependencies** at first, especially between **finance** and **supply chain**. I worked closely with both **business users** and **tech leads** to surface blockers early, which helped us avoid last-minute surprises. By the third sprint, we were seeing way fewer delays — and hit nearly every planned story without spillover.
- Owned the **product roadmap for Power PDF and IDP workflows** and synced tech and business goals with our releases. Having a shared release vision helped reduce misalignment and late-stage change requests.
- Built custom **views in Snowflake** to track how the product was moving through each stage. This gave the leadership team better insight into delays and allowed us to re-prioritize when needed.
- Helped launch **SignDoc an e-Signature platform** by working alongside **engineering and marketing**. Focused on **syncing release** timing and messaging, which supported a major product push.
- Supported the team in adopting **clean Scrum practices**. Paired with developers and QA to smooth out the process, which made release cycles more predictable and stakeholder updates more accurate.

- Took the lead on improving a slow and repetitive **QA handoff** process. Applied **Lean mapping** techniques to break down each step, **spotted redundancies**, and worked with the team to cut **non-value-added** tasks. We reduced the cycle time by **~30%** over two sprints.
- Ran a **root cause analysis** using **DMAIC** when **deployment failures** increased. Traced the issue to redundant test jobs in the CI pipeline, cleaned up the process, and helped bring back release stability.
- Worked with **engineering leads** to design **cloud-based** components on **AWS and GCP**. The goal was to keep things secure, scalable, and future-proof — especially as our user base grew.
- Acted as the **go-between** for internal teams and vendors. Helped **define scope**, kept **timelines honest**, and ran weekly calls to keep decisions moving.
- Coordinated with external partners on **cloud rollout** plans. I made sure compliance checks were covered and that performance expectations were met before any **go-live**.
- **Interviewed** new **technical hires** and helped **onboard** them. The focus was on building a solid **Agile team** that could collaborate well and ship confidently.

Codeboxx

Software Solutions Engineer/ Product Owner

St Petersburg, FL | May 2023 – July 2023

- Led technical planning for smart device integration projects, using **IoT** and **cloud platforms** to ensure seamless device connectivity.
- Evaluated technical feasibility through **Snowflake data analysis**, identifying **integration** opportunities and streamlining project execution.
- Worked across **multiple engineering** teams to **troubleshoot** device compatibility, improving system **reliability** by **30%**.
- Helped design **product roadmaps** focused on profitability and market **positioning**, supporting business expansion into smart home technologies.
- Familiarity with **SDLC** and web-based development practices, with adaptability to **Microsoft-based** technology stacks including **.NET** and **Azure** environments.

Denken Solutions

Product Owner

Irvine, CA | January 2023 – April 2023

- Was brought in to help introduce **AI features** into an existing **software** product. Worked with **TensorFlow** and **OpenAI** tools to redesign some **core workflows**, which made the system faster and reduced a lot of repetitive manual steps for the team.
- Rolled out **machine learning** updates that directly impacted review time — we were able to cut manual checks by nearly **40%** after deployment, freeing up engineering hours for higher-priority tasks.
- Took over some backend work where **SQL and PL/SQL** scripts needed improvement. Cleaned up the logic, added validations, and helped improve how reliably the system handled and stored data.

Imagery LLC

Software Engineer

Beavercreek, OH | January 2022 – August 2022

- Developed a **Spectral Analysis Tool** for drone imagery analysis, improving the calculation of **Vegetation Indices (VI)** accuracy by **25%**.
- Implemented **bit masking** and image cleaning techniques, resulting in a **70%** increase in usable image data for environmental research.
- Achieved a **0.91** model accuracy in vegetation index **prediction** models, significantly enhancing data product quality.

Tata Consultancy Services

Assistant Systems Engineer

Delhi, India | July 2019 – February 2021

- Worked as part of a large team **building APIs** with **Node.js and Express**. My main focus was integrating systems for enterprise clients and making sure data moved securely between platforms.
- Took part in designing a **UAV prototype** for **Intel**. I handled backend logic for **video streaming**, **GPS tracking**, and **autonomous flight behavior** — it was part of an early-stage **R&D project** in a **fast-moving Agile environment**.
- Helped a few **startup clients** under the “**Start-up India**” initiative **migrate to AWS**. Most were moving from basic setups, so we built out cloud solutions that made their systems more reliable and helped them scale — some saw huge productivity jumps soon after.
- Built **predictive models** for **DuPont’s clinical research** using **LSTM and KNN**. These were used to support **early-stage drug testing** workflows, helping researchers **analyze side-effect data** more efficiently.
- Rewrote a **legacy app** in React, moving it away from **old code** to a cleaner stack using **hooks, Redux, and Material-UI**. The update made the app faster and easier to maintain — team feedback was very positive post-launch.
- Maintained an internal tool built with **React, AngularJS**, and **Node** that helped teams automate quality checks on both internal and **client-facing websites**. Over time, it helped us cut down on common release issues.

Certifications

Google Project Management Certificate – In Progress (Expected July 2025)

Education

Master of science in Computer Science at Wright State University	2023
B. Tech in Computer Science and Engineering at APJ Abdul Kalam Technical University	2018

Publications

- Presented a comparative survey of 40+ research papers on smart shoes and the various medical grade health monitoring sensors and technologies available at present.
- SMART SHOES FOR ASSISTING PEOPLE: A SHORT SURVEY, Pulkit Khursija and Nikolaos G. Bourbakis, Wright State University, CART Centre, OH, USA And Technical University of Crete, Chania, Greece. Doi: 10.1007/978-3-030-87132-1_8
- [Publication link](#)