

## PULKIT KHURSIJA

+1(775)-508-1391 || [EMAIL](#) || [LinkedIn](#) || [GIT](#) || Fairborn, OH

---

### Professional Summary

Results oriented **Software Project Manager** with **4+ years** of experience. Have prior experience as **Product owner** and have also worked in the software industry as a **Software Developer**. I expertise in enterprise SaaS **platform integrations**, including cloud-based solutions like **GCP, AWS, and Snowflake**, with a focus on driving cross-functional adoption, change management, and **data pipeline** optimization. Experience driving **product strategy, roadmaps, and stakeholder alignment** across transportation and SaaS verticals using **Agile** frameworks.

---

### 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.
- 

### Professional Experience

#### Renotek Group

*Software Project Manager*

Piscataway, NJ | Aug 2023 – Present

- Led **Agile** ceremonies like **sprint planning**, stand-ups, and **retrospectives**, helping the team consistently meet sprint goals and improve delivery speed.
- Defined the Product **roadmap** for smart home products, aligning the technology and business teams to drive faster product releases.
- Built **Snowflake** views to track product progress and **performance metrics**, thereby increasing **leadership** visibility into project status and **prioritized** resources.
- **Worked closely** with engineering and marketing teams to bring new connected home devices to market, supporting the company's smart product expansion.
- Guided developers, **QA**, and **Scrum Masters** in implementing **Scrum** practices, leading to more predictable release cycles and better communication with stakeholders.
- Created **Snowflake-based** reports that made it easier for leadership to make data-driven decisions about product development and market strategy.

- Collaborated with engineering leadership to architect cloud-based solutions on **AWS** and **GCP**, optimizing design decisions for scalability, security, and maintainability.
- Provided **mentorship** and **technical guidance** to cross-functional development teams, promoting **best coding practices**, **peer code reviews**, and **continuous** professional growth among engineers.
- Facilitated cross-team collaboration with **engineering** and **vendor partners**, contributing to **SOW** and **contract alignment** while leading **weekly** status **updates** and **decision-making** checkpoints.
- Coordinated with **external vendors** to align development **timelines**, **system performance** standards, and compliance expectations across **cloud-native** integration rollouts.
- Actively participated in technical **hiring interviews**, **mentored** junior engineers, and supported **onboarding processes** to build and scale high-performing Agile teams.

### 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

- Led integration of AI technologies (**TensorFlow**, **OpenAI**) into product development workflows, **optimizing** project performance and reducing **manual** overhead.
- Delivered **machine learning** enhancements that streamlined operations, cutting **manual review** time by **40%**.
- Developed and optimized **SQL** and **PL/SQL** scripts in Oracle to support **backend** systems, enhancing data **integrity** and application **scalability**.

### 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

- Collaborated with a **21-member** team to develop **APIs** using **Node.js** and **Express**, supporting enterprise-level integration projects.
  - Designed and deployed a **UAV prototype** for **Intel**, enabling real-time **video transmission**, GPS tracking, and autonomous flight control.
  - Delivered **AWS**-based solutions for Start-up India clients, driving tenfold increases in productivity and operational growth.
  - Built predictive analytics models for clinical testing software, leveraging LSTM and KNN to support drug evaluation research for DuPont.
  - Refactored an existing application into **React**, utilizing hooks, Redux, Material-UI, **Node.js**, and other libraries, resulting in a 80% improvement in readability, performance, and efficiency.
  - Maintained an internal web application built on **React/AngularJS**, **Express**, **MongoDB**, and **Node JS** that automates quality checks for internal and external websites leading to a reduction in quality error rates.
- 

## Certifications

Google Project Management Certificate – In Progress ( Expected June 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](#)