

Nirupa Parmhans

TECHNICAL PROJECT MANAGER

Senior Technical Project Manager with a foundational career as a software engineer, skilled in orchestrating high-impact teams across projects of varying scale and revenue objectives. Leveraging a hands-on technical background, I bring a wealth of experience in driving project milestones and growth, adeptly managing resources to maximize team performance and profitability.

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PROFESSIONAL EXPERIENCE

BLUEORANGE DIGITAL

SENIOR TECHNICAL PROJECT MANAGER

APRIL 2020 - PRESENT

A software engineering firm known for creating data solutions, I've managed a variety of projects both big and small during my tenure. My most recent endeavor involved leading a team to develop a reporting and analytics dashboard for Blackrock, employing machine learning to analyze patterns within the data. The frontend of the application was developed using React, while the backend was serverless deployed on AWS. I was actively involved from the beginning, working closely with the sponsor during the initial discovery phase to understand and document their requirements, subsequently crafting a quarterly roadmap for the project. This team consisted of twenty one engineers, one QA, one data analyst, and one solution architect. Due to our collaboration with multiple vendors, we adopted a hybrid approach to prevent delays and maintain clear objectives among team leads, sponsors, and vendors.

In another project, my team constructed a data warehouse for a client using Java for the backend, SQL for the database, and TypeScript for the user interface. This team comprised 8 engineers, and Agile methodology proved to be more effective.

Standard procedures across all projects included sprint planning, backlog grooming, retrospectives, demos, and stand-ups. Apart from managing projects, I take pride in mentoring junior engineers, conducting code reviews, managing project budgets, and organizing virtual social events to foster team spirit.

WIREWHEEL

TECHNICAL PROJECT MANAGER

DEC 2018 - MARCH 2020

An enterprise platform that focuses on consumer privacy and data protection. When I joined the team, the initial product concept and the first four sprints were already established. I quickly got to work, collaborating with the development team to prioritize features and build out the product backlog. The front end was built using Angular, the backend with Python and MongoDB, and everything was deployed on AWS.

Given the dynamics of the work, which were subject to shifting requirements based on customer feedback, I adopted an adaptive Agile methodology. This approach not only made the team more agile and responsive but also allowed us to leverage CI/CD techniques effectively. As a result, we were able to release updates more rapidly and efficiently.

Adhering to SAFe principles, I coordinated with sponsors and other Product Managers to determine feature priorities that offered the most value and enabled us to gather customer feedback more swiftly. With most of the team based locally, I actively engaged with our leadership team to organize team-building activities, fostering a stronger and more cohesive work environment.

METROSTAR SYSTEMS

LEAD ENGINEER MANAGER

JULY 2016 - DEC 2018

A consulting firm, focused on building out tech solutions for the federal government. I kicked off my tenure with Metrostar, starting as a Senior Full Stack Engineer and quickly moving up to Lead Engineer. One of the significant projects I contributed to was a contract with NITAAC. We confronted the task of updating NITAAC's outdated e-GOS system's database, shifting toward a hybrid system that combined on-premise and cloud-based solutions, while simultaneously revamping the e-GOS NextGen application. The front end utilized Angular, while the backend was developed in C# with a PostgreSQL database.

In this role, my responsibilities were multifaceted. I led and mentored our engineering team, worked alongside the scrum master and project sponsor to build out the project backlog, and actively participated in engineering meetings. I was also very involved in shaping the project's direction, ensuring that the team stayed on track while efficiently following agile principles.

NATIONAL HEART LUNG AND BLOOD INSTITUTE

SOFTWARE ENGINEER

DEC 2014 - JULY 2016

During my time at NHLBI, I was tasked with creating their in-house procurement system. This tool was developed to enable their resource team to efficiently track all their equipment, ranging from everyday office items like laptops and chairs to specialized equipment like CT machines. In the initial phase, I worked closely with engineers from CIT to lay down the database's foundation, emphasizing a structured approach to how data is organized, modeled, and streamlined.

Encountering challenges in how data was accessed and updated, I worked with the project sponsor to suggest enhancements to several key functionalities of their system. Throughout this project, a mix of technologies was employed, including Angular for the frontend, NPM and Gulp for managing their development process, D3.js for data visualization, and a backend supported by C#, SharePoint, SQL, and Java.

CERTIFICATIONS

PROJECT MANAGEMENT PROFESSIONAL(PMP)

AWS CLOUD PRACTITIONER