MANASA PATGAR

SENIOR SOFTWARE ENGINEER

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SUMMARY

A seasoned software developer with **7+ years of experience**, I specialise in building clean, efficient, and impactful solutions. From crafting intuitive user interfaces and designing robust backend systems to debugging tricky errors, I thrive on solving complex problems. Solid understanding of **Data Structures**, **Algorithms**, **OOPs**, **Design Patterns**, **Microservice Architecture**, **Distributed Systems** and good exposure to software best practices like Test-Driven Development (TDD), Clean Code, **SOLID Principles**, **CI/CD**, **Agile methodologies** and Scrum.

PROFESSIONAL EXPERIENCE

Manhattan Associates
Senior Software Engineer

Atlanta, Georgia, US
June 2023 - Present

Domain: Omnichannel Retail Solution | Project(s): Point of Sale

- Spearheaded the development of various features on both backend and frontend development of a cloud-based POS product utilizing technologies like SpringBoot, Java, TypeScript, Tailwind CSS, Docker, and MySQL.
- Contributed to technical decision-making, improving application architecture and maintaining code quality.
- Mentored junior developers, conducted peer code reviews fostering a culture of continuous learning and best practices.
- Worked on various functional components like promotions, pricing, payments, catalogs etc
- Automated deployment pipelines using CI/CD practices, reducing delivery times and improving system reliability.

Manhattan Associates
Senior Software Engineer

Bengaluru, India
August 2019 - April 2023

Domain: Omnichannel Retail Solution | Project(s): Point of Sale

- Developed and implemented features for a supply chain-focused POS product using agile methodologies.
- Designed and optimized RESTful APIs, ensuring scalability and integration across microservices.
- Delivered projects within Scrum environments, focusing on high-quality, well-documented solutions.
- Actively participated in design, testing, and automation phases of the software lifecycle
- Enhanced codebase quality by implementing object-oriented programming principles and CI/CD workflows.

Subex
Software Engineer

Bengaluru, India
July 2017 - August 2019

Domain: Telecommunications Solution | Project(s): Revenue Assurance

- Assisted in the development and configuration of product modules, gaining hands-on experience with software engineering principles.
- Collaborated with senior developers to troubleshoot and resolve technical issues, ensuring timely delivery of high-quality solutions.
- Participated in team meetings to learn Agile methodologies and improve coding practices.
- Documented technical processes and supported module implementations, contributing to enhanced system usability.

SKILLS

- Programming Languages: Java, Python, JavaScript, TypeScript
- Frameworks & Libraries: SpringBoot, Flask, Django, React, Angular, Express
- Technologies & Tools: Docker, Tailwind CSS, HTML, CSS, Git, Maven
- Development Practices: Agile Methodologies, CI/CD Pipelines, Object-Oriented Programming (OOP)
- Core Competencies: Data Structures, Algorithms, Low level Design, System Design

EDUCATION
Jun 2013 - June 2017

Bachelor of Engineering

CMR Institute of Technology, Bengaluru

- Computer Science