Manas Mangaonkar

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PROFESSIONAL SUMMARY

A highly driven, analytical, and innovative Software Engineer & Product Manager who holds a Bachelor's Degree in Computer Engineering with extensive experience in full-stack development and a passion for SaaS, paas, iaas, and open-source products. Brings strategic data-driven thinking with methodical execution, which enables the ability to engineer and innovate industry-disruptive products. Demonstrated background in translating customer pain points into concrete and actionable product requirements to maximize customer value and business impact. Knowledgeable of the product life cycle in the agile development model, effectively working in collaboration with cross-functional teams of engineering, design, research, sales, and marketing.

CORE COMPETENCIES

- Product Management
- Software Engineering
- Scope of Work Analysis
- Program Management
- Programming Languages
- Data Analysis & Reporting
- Interface Development
- Stakeholder Relations
- Product Road Mapping

EDUCATION

Narsee Monjee Institute of Management Studies   Graduated: June 2024
Master of Business Administration (MBA) with a Specialization in Information Systems

Government Law College   Graduated: Jan 2022
Diploma in Cyber Law

University of Mumbai | Mumbai   Graduated: May 2021
Bachelor of Engineering – Computer Engineering

WORK EXPERIENCE

SAP Labs   Oct 2021 – Present
Associate Software Engineer (May 2022 – Present)

- Identifying pain points at different stages of the enterprise customer journey and ideating and building solutions for Hybrid and Private Cloud Customers.
- Conducting and Leading Multiple GreenField Project initiatives following Industry Trends and Insights and after Identifying gaps in hybrid and private cloud product market fit.
- Played a key role in the creation of solutions that enable the ability to run software anywhere in high-demand, critical environments, resulting in improved operational efficiency and team productivity
- Provided assistance through project management life cycle efforts, including scope of work analysis, requirements gathering, and maintaining community with key stakeholders on progress and change management initiatives
- Drove cross-functional efforts across the tech, security and product teams to build and optimize Cloud Native Solutions for High-Performing Hypervisor stacks.
- Spearheaded initiatives for cost and performance-to-cost ratio optimization by working collaboratively with project teams and stakeholders related to Engineering and cost.
- Stack: Python, Golang, Kubernetes, Product Management, Program Management, Technical Program Management Kubernetes Derivatives wrappers and Systems, Esxi, Vshpere, Hypervisors

Software Engineering Intern (Oct 2021 - Apr 2022)

- Worked with the Sap Labs AI-Foundation team working on SAP's cutting edge ML and AI, cloud-based platform
- Successfully built and streamlined numerous number of APIs and microservices that are used by the cloud platform
- Designed and implemented MlOps solutions and streamlined the whole pipeline to automate processes
- Stack: Python, Javascript, OpenAPI, Kubernetes

Google Summer of Code (GSOC)   Apr 2020 – Sept 2020

Software Engineering Intern
- Selected through the highly competitive Google Summer of Code program to work as a summer intern with the program-participating open source organization CRIU
- Ported the implementation of the CRIT tool, which is in the criu program package, from Python to Golang
- CRIT is used for serializing/deserializing frozen container state images and allowing editing, modifications and preparing them for transportation over the network as per the protocol buffer definitions
- Worked under the mentorship of a Principal Software Engineer at Red Hat to accomplish the project
- Stack: Golang, Python, Protocol-Buffers

Google Summer of Code   Apr 2019 – Sept 2019

Software Engineering Intern
- Selected through the highly competitive Google Summer of Code program to work in partnership with a Senior Program manager to support the program participating open source organization fedora.org (redhat subsidary)
- Designed and built (coding) a data cross synchronization platform from the ground up for a new feature management process being implemented in Fedora by the Senior management team
- The software built cross-synchronizes the generated data of various services across each other using REST api and xml in realtime cutting down on data processing time from 20+ minutes for a single feature down to 20 seconds, thus streamlining the whole data process and enabling quick voting for new feature changes
- Actively supported the senior management team in designing a new feature change process and other program activities to enable easier entry-level points for newcomers to the open source project
- Stack: Python, Technical Program Management, Technical Product Development

ADDITIONAL EXPERIENCE

Codecell, vesit

Co-Founder / Co-Chair
- Led tech events and open source initiatives, including established an On Campus Coding/Hacking Club on campus
- Established a Free Open Source Software and Hackathon culture on campus with regular events, such as Hackathons
- Organized the first large scale Hackathon on campus with 140+ students participating and securing a sponsorship from a Fortune 500 company

GitHub   Jan 2018 – May 2021

GitHub Campus Expert
- Led tech event and tech/free open source education initiatives including mentorship programs, organizing Hackathons, as well as student tech events across India on behalf of GitHub
- Selected from a total pool of 1000+ applicants
- Served as a representative for GitHub education at Tech Conferences all over the world

Microsoft   June 2017 – May 2021

Microsoft Student Partner
- Led tech event and tech/free open source education initiatives including workshops, Hackathons, and hosting events
- Served as a student technology leaders, empowering to build Microsoft communities on campus and share deep knowledge and passion for technology with fellow students
- Joined exclusive Microsoft training events to learn about the latest technologies and to build applications and demos

ADDITIONAL QUALIFICATIONS

- Technical Skills: Python, Cloud, Golang, Technical Product Management, Technical Program Management, JavaScript, Unix/Linux, Microservices, Kubernetes, Version Control