

Abhijit Patharkar

Over 15 years of work experience as a Staff Engineer, Entrepreneur, Delivery Head and Lead Architect, and (Senior) Software Engineer, aiming to make a move into Technical Product Management.

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EXPERIENCE

VMware, Bangalore — Staff Engineer

MARCH 2021 - AUGUST 2023

Designed a novel idea called Cloud Runtime and implemented an already published paper, presented a working demo in VMware's yearly flagship event, VMExplore, and co-authored a patent. Executed a new API Lifecycle Product from scratch. Lastly worked on a service mesh product.

Scriptuit Technologies, Pune — Founder and CEO

JUNE 2015 - FEBRUARY 2021

Started a Technology Consulting Company called Scriptuit Technologies with a focus of solving complex problems for customers using technology. Clients included enterprise companies eg. VMware as well as startups spread across 5 countries. Key responsibilities were pre-sales, interacting with CTOs of customer companies, leading a team of talented technical engineers, and hands-on coding to name a few.

Mindstix Software Labs Pvt. Ltd., Pune — Delivery Head and Lead Architect

MAY 2012 - MAY 2015

Spearheaded as a Delivery Head and a Lead Architect where key responsibilities were hiring and mentoring a development team, managing multiple accounts and projects, and hands-on coding. Here focus shifted on a much broader role than coding, key responsibility was execution later becoming my USP.

Globant, Pune — Senior Software Engineer

JUNE 2009 - MAY 2012

Collaborated on applications in Social Network space, Electronic Design Automation on Cloud, and Transaction Banking System. Prime focus was scalability, and cloud technologies. Additionally, was responsible for maintaining production environments.

Spectra Infowave, Pune — Developer

JULY 2008 - JUNE 2009

Developed applications in education space catering pre-schools and language schools.

SKILLS

High and low level designs.

Data-model design.

Technical Leadership.

Feature discussions with Product Managers and scribing user-stories.

Coordinating with cross functional teams such as Dev/Engineering, UX, UI, QA.

Managing Backlog pipeline and technical debt.

Hands-on coding, code reviews, and debugging.

Understanding SDLC, Scrum/Agile methodologies.

PATENT (PENDING)

Co-authored a patent on Cloud Distributed Application Runtime - An emerging layer of multi-cloud fabric.

TALK

Taking a modern approach towards application resiliency at VMExplore 2021. [Click Here](#) to view.

TECHNOLOGIES

JEE, Spring, Spring Boot, GoLang, Angular, AngularJS, PHP, HTML/CSS.

EDUCATION

Columbia University - School of Professional Studies, New York — *Master's in Technology Management*

FALL 2023 - SUMMER 2024

Rajarshi Shahu College of Engineering, Pune — *Bachelor of Engineering in Computer Science*

2003 - 2008

KEY PROJECTS

Tanzu Service Mesh — at VMware

Involved in a next-gen service mesh product with unique go-to-market features e.g. Global Namespace, Traffic Management, and Multi-Cloud Deployments. Focussed on GoLang and Kubernetes.

Electronic Design Automation (EDA) on Cloud — at Globant

Led an ahead of its time product inception by a Silicon Valley start-up in Electronic Design Automation on Cloud domain with deep integration with AWS Services like EC2, Shared Storage, and EBS.

EVO:Rack — at VMware

Managed a team of around 20 engineers to work on an evolutionary product in plug-and-play server rack domain developed in JEE.

Mobile Engagement for reduced bill — at Scriptuit Technologies

Inception by a Seattle based start-up, a mobile service letting customers engage with mobile lock screen based ads to earn credits resulting in a reduced mobile bill.

Cloud Runtime and API Lifecycle Mgmt. — at VMware

Formed and led a cross functional team of 10 engineers towards execution of 2 projects: Cloud Distributed Application Runtime, submitted as a patent, and API Lifecycle Management. Dealt with API Security, API Resiliency, API Design and API Deployment on a Multi-Cloud Setup.

IOT Based Data Streaming Platform — at Scriptuit Technologies

Architected and developed an IOT based platform to consume a data and metrics stream from devices designated to collect data from cinema halls and construct an analytical solution for movie producers.

Automated CI/CD pipeline solution — at VMware

Created an opinionated solution for IT teams to quickly build and deploy applications on any given platform. Helped increase developer productivity.

PLATFORMS & INFRASTRUCTURE

Kubernetes, Pivotal Cloud Foundry, Cloud VMs, Service Meshes, Knative.

All major cloud compute, containers and storage services.

ARCHITECTURE

Microservices, Design Patterns, Messaging, Streaming, Multi-Cluster, Kubernetes CRDs and Reconcilers.

APIs

REST, gRPC, GraphQL

SERVICE MESHES

Istio, VMware Tanzu Service Mesh, AWS AppMesh, Gloo Mesh, Linkerd.

BUILD & CI/CD

Build: Maven, Gradle, Node Package Manager.

CI/CD: ArgoCD, FluxCD, Jenkins and many more.

LANGUAGES

English with a TOEFL score of 102, Marathi as mother's tongue, and Hindi.