

# Siddharth Dashore

SENIOR SOFTWARE ENGINEER · B.TECH. CS · M.TECH. CS · BLOGGER

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## Summary

Sr. Software Engineer with 6 years of experience in software development and leadership. Adaptive to new technologies, committed to applying extensive knowledge of a variety of computer languages to achieve project goals, specialized in delivering timely efficient results. Along with developing and honing skills on the technical side, also have gained entrepreneurial experience which adds valuable experience pertaining to business and discipline in the arsenal of skills.

## Work Experience

### Accops Systems Pvt. Ltd. (5Y 11M)

Pune, India

SENIOR SOFTWARE ENGINEER

Aug. 2016 - Jul. 2022

- Built & managed 6 modules including agents for Dedicated/Shared Desktops, App Virtualization, and an event-driven updates mechanism
- Led Scrum Ceremonies and tracked progress in MS Teams for one Scrum Team. Worked with Stakeholders to refine the Backlog and plan Sprints
- Scaled multiple products and reduced memory consumption from 2GB to 50MB and CPU consumption from peak 50% to 2% by resolving leaks
- Automated unorganized process of applying product patches at production environment by developing a customizable *Patcher*
- Deployed and maintained cloud infrastructure using Azure, AWS, Docker & Bash as DevOps technologies

### Friendz Designers & Developers (2Y 6M)

Pune, India

CEO/FOUNDER | ALONGSIDE COLLEGE (B.TECH.)

Feb. 2014 - Jul. 2016

- Founded a startup to help people create digital experiences for their customers
- Worked as a full-stack developer and person of contact. Delivered 22 static & dynamic websites, 3 mobile apps and 5 product logos
- Developed a novel centralized portal to find study material for the VIT college CSE department. The portal used by 250+ users got 2000+ hits in a single academic semester. Served as a baseline for developing an institutional level portal to find study material and course contents.

## Projects

### Diagnostics Tool

ACTING TEAM LEAD AT ACCOPS

Feb. 2021 - Jul. 2021

- Lead a team of 4 people efficiently and released product on time, won "Best Creation Award" for the quality and usability of the product
- Reduced the overall support team's communication and diagnostic time across multiple internal/external teams up to 50% and made handy
- Fetched VM blueprint and diagnostic information, tasks divided efficiently among the team to get maximum output in minimum possible time
- Technologies used: .NET Framework 4.7.2, Win32 APIs, PowerShell & Bash Scripts, Redmine, MS Teams, Azure Boards, EF 6, LINQ

### DVM Push: an event-based status mechanism

SENIOR SOFTWARE ENGINEER AT ACCOPS

Jan. 2019 - Nov. 2019

- Implemented event-driven updates mechanism to replace previous manual polling of information from each individual Virtual Machines
- Reduced VM status update time while handling thousands of VMs from 20min to 20sec, resulting in stress reduction of RAM (4GB) and CPU (15%)
- Achieved load balancing and high availability between multiple docker setups using Apache Swarm & Keepalived
- Ported the same code-base to run as a Microservice, Windows WCF service, as well as Linux Daemon
- Automated the product build process using Jenkins from previous manual complex build process
- Technologies used: Docker Registry, Apache Swarm, RabbitMQ, .NET [Standard 2.0, Core 2.1, Framework 4.7.2], Python 3, Bash Scripts, EF 6, LINQ

### Dedicated and Shared Desktop Agents [4 modules]

SENIOR SOFTWARE ENGINEER AT ACCOPS

Jan. 2017 - Present

- Architected dedicated/shared desktops and applications delivery for AD, LDAP & Workgroup users in Windows, CentOS & Ubuntu OS
- Implemented desktops & apps delivery, session management with custom alerts, desktop customization, session auditing, Virtual IP support, desktop customization & Session recording
- Developed process enhanced tracking to support hard to track applications for Windows application delivery along with user impersonations
- Added support for MSIX-package based app-attach to support dynamic delivery of applications from a shared location to WVD users
- Created a common NuGet package to share the same code-base among multiple different modules
- Automated the product build process using Jenkins from previous manual complex build process
- Technologies used: C#, Windows APIs, PowerShell, Sysprep, NSIS,.NET Core, Python, Bash Scripts, Git-Bash, Xrdp, Azure, AWS, EF 6, EF Core, LINQ

### A framework for a centralized repository of blood banks | Prof. P.K. Gokhle

B. TECH. AT PUNE UNIVERSITY

Mar. 2015 - Apr. 2016

- Designed an API controlled customizable framework for blood banks, hospitals and blood donation camps
- Developed a one-page modular website, desktop software & an android app for users
- Technologies used: C#, REST API, PHP, MySQL, Android, EF 6, LINQ

## Awards & Achievements

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- 2022 **Emerging Leader Award**, Accops Systems Pvt. Ltd.
- 2022 **Best Creation Award**, Accops Systems Pvt. Ltd.
- 2021 **Best Creation Award**, Accops Systems Pvt. Ltd.
- 2018 **Silent Contributor 2017-18**, Accops Systems Pvt. Ltd.
- 2016 **1st Runner-up position**, among 100+ participant colleges, Avaya Smart Project Competition, Pune, India
- 2015 **Overall Best Idea & Implementation**, I2I Competition, organized by EATON, COEP and BHAU, Pune, India
- 2015 **Headed as 'Multimedia Secretary'**, a Council Member for 2014-2015 session

## Technical Skills

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- Programming** C# .NET (Standard 2.0, Core [2.0-3.1], Framework [2.0-4.7.2], WCF, LINQ, Entity Framework 6), Python [2-3.6], NSIS
- DevOps** Azure, AWS, Docker [Registry, Swarm], VMware [ESXi, vCenter, vSphere], Hyper-V [SCVMM], Nutanix, Jenkins CI/CD
- Web Development** ASP.NET, MVC, RESTful API, SOAP API, PHP, WordPress, Databases [MS SQL, MySQL, MongoDB]
- Tools** SoapUI, Postman, Git, SVN, Redmine, MS Teams, RabbitMQ, AD, LDAP, Jira, Kibana, JMeter, Selenium Grid, Azure Boards, Visual Studio [2013-2022], VS Code
- Operating Systems** Windows Servers [2003-2022], Windows Clients [7-11], Ubuntu [16-20], CentOS[7,8]

## Education

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- 2020 **M. Tech. (Distance)**, in Computer Science, RGPV University, Bhopal (CGPA: 7.46/10) *Indore, India*
- 2016 **B. Tech.**, in Computer Science, University of Pune (CGPA: 7.43/10) *Pune, India*

## Publications

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Siddharth Dashore, Dr. Pankaj Dashore, "Dash Factor Authentication (DFA): A Secure solution for web services access", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.7, Issue 2, Page No pp.648-654, May 2020

## Additional Information

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- Nationality** Indian
- Hobbies** Travelling, Reading Books, Photography
- Languages** English, Hindi

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