

SIDDHARTH DASHORE

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OBJECTIVE

An ambitious committed and hardworking individual with experience in timely delivery. Along with developing and honing my skills in technical side I have gained techno-entrepreneurial experience which adds valuable experience pertaining to business and discipline into my technical arsenal. With this background I seek to achieve expertise and develop my skills in virtualization technologies & cloud technologies.

EDUCATION

Vishwakarma Institute of Technology | Pune University

Aug '12 - Jun '16

- Bachelor's degree in Computer Science, CGPA 7.43
- Relevant coursework: Cloud Computing, Network Security, Human Computer Interaction

PROFESSIONAL EXPERIENCES & INTERNSHIPS

InfyDash | Start-up

Dec '16 - Present

- Focusing on development of DashApps (refer Individual projects section)
- Products: DashID, DashLock, DashUserSessionsInfo, DashUsersCleanup, DashCopy, DashBhajman, DashReliableServiceStart

Propalms Technologies Pvt. Ltd. | Software Engineer

Aug '16 - Present

- Implemented **Desktop Customization Tool** and **Session Shadow** module for Windows Server, used in product HyWorks 3.1
- Implemented Customization of Windows VMs using SysPrep in Audit-Mode / OOBE, used in product HyWorksDVMTTools 3.0
- Windows Session Timeouts using Windows APIs & Workgroup local user synchronization, used in product HyWorks
- Implemented Windows Remote Desktop/App **Session Management** module for Windows Servers and DVMS, used in products HyWorks & HySecure
- Worked on cross-platform Alert Manager using C# Mono & RabbitMQ
- Designed modules of HyWorks Controller in ASP.NET MVC framework with Entity Framework

Friendz Designers & Developers | Start-up

Feb '14 - Nov '16

- Founded a Start-up company to provide services like Web Development, Technical Solutions, Hardware/Software maintenance & Graphics/Logo Designing
- Worked as a Full-Stack Developer, designed 20+ static/dynamic websites
- Designed own products including Project Geo, Tyre Doctor, Anonymous SMS, etc.

Big Data & Hadoop | Technophillia, Mumbai

Jun '15 - Jul '15

- A summer training on Big Data, Hadoop, HDFS, YARN and Hadoop-Installation by Technophillia, IIT Bombay
- Hands-on experience in Map/Reduce, Apache Pig, Apache Hive, Apache Sqoop and Apache Hbase

J2EE – with Struts Framework | Hewlett-Packard, Mumbai

Jun '14 - Aug '14

- A summer training on J2EE-Struts Framework held by **HP** Summer Training Nodal Center, Mumbai
- **Designed** a prototype of an HTML based Online Operating System (**MyOS**) which can be used to store & access data online in an easy & safer way from anywhere
- **Implemented** using the concepts of JSP Servlets and filters using HTML, CSS & JAVA (Struts Framework)
- The project was well appreciated among all the projects at training

INDIVIDUAL PROJECTS

DashApps | InfyDash (startup)

Dec '16 - Present

- **DashID**: An android app to authenticate Windows PC using Smartphone's Figure Print Sensor, module also includes power operations and remote access
- **DashLock**: An android app to remotely lock Windows PC using smartphone's one touch widget
- **DashUserSessionsInfo**: A tool for fetching live/disconnected user session timings info in windows servers
- **DashUsersCleanup**: A tool for live users' cleanup in windows servers (Exception can be added to exclude a user)
- **DashReliableServiceStart**: A tool to reliably start a service, useful in VMs with high load on the server
- **DashBhajman**: A minimal sized (4MB) android based music player for high quality Bhajan streaming. (dedicated to my dad)
- **DashCopy**: A fully customizable clipboard with awesome features including burst-copy for windows based PCs

System Usage Info

Aug '16

- Monitored CPU/RAM/Primary-Drive usage, created using **WPF C#, WCF service** and an **MVC portal (ASP.NET)**
- **Windows notification messages** were displayed when they cross threshold with interval of **10 sec**.
- Application service automatically runs in background while windows startup, can be accessed via system tray

Port Virtualization & Anonymous Windows OS

Nov '15

- Controlled entire communication of laptop from virtual OS to primary OS, by making Virtual OS as primary port of internet
- Implemented by setting up **vSwitch**, using **Hyper-V**, Linux Commands & Virtualization on VMware

- Successfully tried making windows (primary OS) **anonymous** using Linux commands (on virtual machine)
- Assigned **three** IPs to a single device, allowing users to create multiple virtual servers on the same device with dedicated IPs

MrDash.in | A Centralized platform

Jan '15-Jun '16

- **Study Portal:**
 - a. Developed a **novel** centralized portal to find study material for VIT college CSE Department
 - b. The portal used by **250** users, got **2000+** hits in the academic semester 01/15 - 06/15
 - c. Served as a **baseline** for developing institute level portal to find study material and course contents
- **Project Geo:** A light weight website to locate yourself, works very well even on slow internet connections like 2G
- **Anonymous Message:** A website to send online free anonymous SMS
- **MyNotes:** A place to manage your To-Do list, with easily draggable user friendly UI
- **OTP APIs:** A customizable API for One-time-passwords. One can request OTP and verify using this set of APIs
- **Free SMS:** A customizable API for online SMS sending solution. Also designed an android app consuming the same.

COURSE PROJECTS

A framework for centralized repository of blood bank | Prof. P.K.Gokhle

Mar '15- Apr '16

- Developed an **API controlled** framework for blood banks, hospitals and blood donation camps which includes a website, desktop software & an android app for users
- **Awarded** with "**Overall Best Idea & Implementation**" in I2I Competition, organized by EATON, COEP and BHAU, Pune 2015
- **Awarded** with **1st Runner-up** position in Avaya Smart Project Competition 2016

Orphanage Portal | Prof. Prashant Kaushal

Feb '16- Apr '16

- Designed a portal for people willing to donate at orphanage homes where orphanage homes can upload/update their requirements by logging into their accounts on the portal or directly via calling to administrators
- The same framework can be scaled to various Smart City Projects (eg. Old Age Homes, Organ Donation, etc)

Gaming Mouse | Prof. V.D. Pawar

Mar '16- Apr '16

- Developed a model of a gaming mouse with **6 operational buttons** (including **DPI** option)
- Assembled using Embedded Systems skills with **PIC18F45** IC
- Yielded a **50%** benefit over existing gaming mouse costs.

Ubuntu WhatsApp | Guided by: Prof. P. K. Gokhle

Mar '15- Apr '15

- Developed an Ubuntu version of WhatsApp which will allow us to send/receive WhatsApp messages from Unix environment
- User base consisted of **10+** students across the section; Challenges included frequent updates of WhatsApp

Client-Server Audio-Video Streaming & Load Balancing | Prof. N. D. Valakunde

Sep '14-Nov '14

- Communicated (Audio-Video Streaming & Broadcast) between multiple Clients and Servers via a single Proxy Server
- Implemented load balancing mechanism, which leads to efficient usage of the bandwidth and fast processing.
- Connections with TCP/IP protocol on JAVA platform using the concepts of Sockets & Multiple-Threads
- Tested with **4** Clients, **2** servers and **1** Proxy server all at a time that worked efficiently

Wireless Transmission of Electricity (WiTricity) | Prof. S. S. Sawant

Feb '13-Mar '13

- Conceptualized a single source inside a room to supply electricity to nearby equipment without using wires
- Generated flux inside the room that further used to induce **1.7V** potential difference wirelessly at nearby points using the concepts of Faraday's Law

TECHNICAL SKILLS

- **Virtualization:** vSwitch, Hyper-V, VMware, vSphere, vCenter
- **Web Development:** HTML5, CSS3, PHP, JSON, JSP, ASP.NET, MVC, REST-API, cPanel, Ajax, Bootstrap, jQuery, JS
- **Multimedia:** Adobe Dreamweaver, WordPress, Adobe Photoshop, CorelDraw
- **Database:** MS SQL, MySQL, Microsoft Access, Oracle, MongoDB, XML, Big Data & Hadoop (Basic)
- **Programming Languages:** VB.NET, C#.NET, WPF, WCF, C, C++, JAVA(Core), J2EE-with Struts Framework, Python, R
- **App Development:** Xamarin, Android Studio, Intel XDK
- **Operating Systems:** Windows, Linux, macOS, Android, Windows Server (2K8R2, 2K12R2, 2K16)
- **Others:** LINQ, Entity Framework, Linux shell scripting(Bash), RabbitMQ, Git, C# Mono, basics of AWS, Cloud Storage
- **Micro-controllers:** Microchip PIC, ARM

AWARDS, ATTENDEES & ACHIEVEMENTS

- Attended "**Do Big Symposium 2016**", Digital Dividends: A Leader's Perspective, Pune 2016
- Attended "**AWS Mumbai India Summit, 2016**" addressed by AWS CEO Andy Jassy
- Attended "**Redington Cloud Day**" training by Amazon AWS Trainers in Indore (M.P.) on 17th June, 2016
- Awarded with **1st Runner-up** position in Avaya Smart Project Competition 2016
- Awarded with "**Overall Best Idea & Implementation**" in I2I Competition, organized by EATON, COEP and BHAU, Pune 2015
- Headed as 'Multimedia Secretary' a 'Council Member' for 2014-2015 session at VIT College, Pune

- Organized CATHlon Event (250 attendees), Google Workshop (100 attendees) and Haptics Workshop (50 attendees) at VIT College, Pune
- Secured All India Rank 14k in IIT-JEE-2012(**Top 1%**) and an AIR 32611 in AIEEE-2012(**Top 1%**)

VOLUNTEER & WORKAROUND

- Designed a college website exclusively for Technical Fest - 'Melange 2014' at VIT, Pune
- Designed Certificates, Posters & Flex for College festivals - Melange 2014, 2015, 2016 and Vishwakarandak 2015, 2016
- Participated in Walk for Seva walkathon organized by Sahayog Foundation on 11th Jan 2015

SEMINARS CONDUCTED

- **Real-Time Protocol (2016)**: Introduction, real-time scenario and application of Real-time Transport Protocol (RTP)
- **Big Data & Hadoop (2015)**: On the importance of Big Data & Hadoop along with a detailed idea about its applications
- **Quantum Computers (2015)**: Introduction, applications and ongoing researches on Quantum Computers & qubit

CAREER INTERESTS

Virtualization Technologies, Cloud Technologies, Web Designing, Blogging, Networking & Security.

LANGUAGES

English(fluent), Hindi(fluent), Sanskrit (intermediate), Spanish (intermediate), Marathi (intermediate).

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