

# Dharmendra (Dee) Rathod



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## WORK EXPERIENCE

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### Product Manager

Dell Technologies [June 2021 – Feb 2023]

- Maintain effective stakeholder relations to define business requirements and translate technical requirements and specifications to ensure the company's technology roadmap is followed and implemented successfully.
- Envision new and innovative technology approaches and predict probable business outcomes.
- Created a **software platform** from inception to maturity using **C#**: Developed, Market research, direction and product roadmap, competitive analysis, performance reporting & analysis, user experience requirements, as well as integrations with rest of the company's tools/software. This platform won numerous accolades within the BU.
- Leading the **Puppet Enterprise Application** team for the Dell IT.
- Championed the implementation of Agile development methodologies (**Scrum, Kanban**) and conducted the evaluation which improved software development productivity by **25%** and reduced time to deliver by average **40%**, resulting in delivery of quality work in a timely, strategic, and well-planned manner.
- Managed product vision, product strategy and development roadmaps for the team. Also designed and developed demos and wiki/confluence links for Product Marketing.
- Actively leading Automation team through **SCRUM / Agile methodologies** to solve user problems prioritizing feature, defect, and tech debt backlog to ensure proper balance of value and sustainability.
- Worked in agile environments to analyze customer needs and deliver high quality implementations, Led the team in iterative design, testing and development to update existing and create new features to improve clients experience and job performance across multiple verticals.
- Led cross functional teams to ensure successful completion and launch of new products contributing to accelerated growth of client base and growth of the business unit.

- Won awards and accolades by leading a vision, inspiring and motivating engineers, and building lightweight solutions that are production ready and tested by users to solve real problems.



## Automation Engineer (Senior Advisor)

Dell Technologies [November 2017 – June 2021]

- Strong expertise in the fields of **DevOps** using various automation tools to oversee the end – to-end SDLC process.
- Hands-On experience in Implement, **Build and Deployment of CI/CD pipelines**, managing projects often includes tracking multiple deployments across multiple pipeline stages (Dev, Test/QA staging and production).
- Experienced with **Puppet Enterprise, Ansible** as System Configuration Tool.
- Experienced in creating **playbooks and roles for Ansible** and deploying applications to cloud using **Ansible**.
- Experienced with deployment automation of all the microservices to pull image from the private docker registry and deploy to **PKS Kubernetes** cluster using **Gitlab pipeline**.
- Experienced writing **python, yaml, PowerShell, shell** scripts to automate the deployment and scheduling.
- Experience in front-end development using **HTML5, CSS, JavaScript, jQuery, Bootstrap, Angular & React JS**
- Source code management is performed using **GIT** from master repository and knowledge on **Container management** using Docker in creating images.
- Experienced in database technology such **SQL, MySQL** including NoSQL databases like **MongoDB**.
- Experienced in Administration of Production, Development and Test environments carrying different operating system platforms like **Windows, Ubuntu, Red Hat Linux, SUSE Linux, Centos**.
- Experienced with Configuration Management automation tool **Ansible** and has worked on integrating **Ansible YAML Scripts**.
- Experienced in the atmosphere of cross-functional team within the organization's **Agile Project Lifecycle**.
- Good understanding of the principles and best practices of Software Configuration Management (SCM) in **Agile, scrum, and Waterfall methodologies**.
- Experienced in using **Java/ J2EE** related technologies such as **Springboot, Hibernate, JPA**.
- Managed successful Automation and deployment of **Storage as a Service** (SAN, NAS & Backup) using Python and Django REST Framework leveraging **REST APIs**, thus providing self-service(**PAAS**)to the end users.
- Designed and developed Automation of Storage Replication, Cloning and Disaster Recovery Solution using **microservices**.
- Monitoring and Auto heal: Experienced in creating various dashboards, metrics, alarms, and notifications for Cloud Platforms using **Grafana and Prometheus**.
- Worked on predictive analysis of device failures and fixed them proactively.
- Worked on Time Series Analysis for Storage and Backup Capacity Prediction using **Machine Learning ARMA model (POC)**.
- A Cloud Native Web application hosted in **Pivotal Cloud Foundry**, developed using **Python (Django), MySQL and JavaScript** to **automate** the end-to-end zoning on Block Storage (VMAX Arrays), Cisco Switches and VMware ESXi Hosts.
- Created a Dashboard using **Python Django** to cumulate all the Health Check Activities.
- Automated end to end process by installing and configuring EMC Cava Security in several servers using **Puppet**.
- Worked on Service Broker Implementation in Python for providing **Storage as a service** on Dell Digital Cloud Platform.
- Worked as Service Lead, SME for Storage, Virtualization and Private Cloud Infrastructures.
- Experienced in implementing, configuring, designing, and maintaining Storage Solutions and Storage Infrastructure on Dell EMC Cloud services.
- Worked on NAS Migrations and Archived Data migrations using Replication, EMCopy, Robocopy and DobiMigrate tools.
- Developed Detailed Knowledge Bases on Storage products including Isilon, Unity, Powerscale, VNX and Celerra.



## Deployment Engineer

HPE [June 2016 – November 2017]

- As a Storage SME, supported day-to-day storage administration with all storage related duty such as break-fix, allocations, decommissions, capacity forecasting, performance monitoring and reporting.
- Implemented, installed, configured, and supported HP 3PAR storage devices.

- Supported day to day operations with storage team on provisioning, reporting, monitoring, general administration break-fix, 24x7 'on call' rotation, problem tickets, created documentation and provided knowledge transfer to each team member after every project was completed.
- Optimized and supported storage and related components to consistently achieve high performance during various business applications by tuning the storage configuration, performing Hardware rebalancing as necessary using tunesys and tdvv.
- Worked on development of internal ticketing tool using PHP and MySQL backend.



## Project Engineer

WIPRO TECHNOLOGIES [October 2012 – June 2016]

- EMC VNX and VNXe: Creation of RAID groups, Pools, LUNs, Meta LUN, Storage Groups, Register Host, iSCSI, Mirror View, Snap View, SANCOPY, working on enablers, FAST cache, configuring Auto tiering, Flare code upgrade.
- EMC VNX Unified / Isilon/ Unity: Provisioning storage spaces to file, creating file systems, mount points, CIFS servers. CIFS shares, NFS shares, VDM, Snap sure Checkpoints, File code Upgrades.
- Exposure to Configuring Storage Groups and Windows Host Access, zone configuration of switches and fabric OS upgrades
- Worked on troubleshooting and resolving the Storage related issues generated in the production environments.

## EDUCATION



### BACHELOR OF TECHNOLOGY

NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR



### Senior Secondary Education (CBSE )

JNV, ANDAMAN ISLANDS

## TECHNICAL SKILLS

- **Languages:** Python, C#, JAVA, JavaScript, CSS, HTML, React, Angular
- **Framework:** Django, Flask, ASP. NET, Blazor, ReactJS
- **Scripting:** Python, Shell, PowerShell
- **DevOpsTools:** Terraform, Ansible, Docker, Kubernetes, Puppet Enterprise.
- **SourceControlManagementTools:** Gitlab, GitHub
- **Orchestrator:** VMware Orchestrator, VMware vRealize Automation
- **Messaging Queue:** RabbitMQ, Apache Kafka
- **Data Platform Tools:** Snowflake, Confluent Kafka, S3
- **Databases:** MSSQL, MySQL, MongoDB
- **CI/CD Tools:** Azure DevOps pipeline, Gitlab
- **CloudPlatforms:** AWS, DELL EMC Cloud, HPE Storage
- **MonitoringTools:** Grafana, Prometheus, Datadog
- **SDLC:** Agile
- **OperatingSystems:** RHEL, Windows