Mohini Modi

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Summary (about me)

Versatile Software Engineering with 8 years of experience in demanding environments focused on producing cutting-edge systems for software product development industry. Adept at learning new tasks quickly to maximize project contributions. Solid track record of consistently exceeding targets in productivity and work quality. Always exploring ways to go above and beyond expected performance to support team.

Professional Experience

ResMed Inc. at San Diego, CA, USA

Software Developer   **FEB 2020 - Present**

- As part of a full-cycle engineering team, working on building the best cloud-native applications that are reliable and scalable using AWS, terraform (IaaS), deploying software version with continuous integration and continuous delivery CI/CD (Git, Bitbucket, AWS CodeDeploy)
- Serving on application development for front-end UI with JavaScript, data extraction with REST API calls, and automation scripting bash, Python as needed. Attaining the most suitable solution for application performance improvement, technical documentation, Zephyr testing
- For project enrichment, lead engineering POC on various data analytical tools like Qlik Sense, PowerBI, PowerApps, AWS S3, Kinesis, Firehose for data streaming development projects.
- Experience working with relational databases such as Microsoft SQL Server, NoSQL databases like MongoDB, Windows, and Linux operating system

Application Support Engineer   **JAN 2018 – FEB 2020**

- Leading IoT fleet management operations, project tracking, analysis, enhancement. Lead root cause analysis (RCA), Incidence management with monitoring, alerting tools to gain insight into applications using SPLUNK and AppDynamics, working on API's for examining logs, health-checks, alerting for system
- As a leader, practiced knowledge transfers, technical documentation, enabling best practices for the team. Being on-call for application and provide technical solutions
- Worked with direct clients to providing visibility into application metrics, performance on high-level for leadership team - Tableau for data visualization and on a granular level for the internal technical support team

Over LLC as Business Consultant   **JAN 2021 – MAR 2021**

- As a business consultant for Over LLC company helped to build a B2B business plan. Worked on project timeframe for a client, solution planning, creating blueprints, research on marketing segmentation for my client scenario, and providing marketing strategies.
- Lead the SWOT analysis for the company, management strategy and drive competitive analysis. Also worked on developing a process to conduct segmentation.

Paragon Partners Ltd. at Irvine, CA, USA   **DEC 2016 – DEC 2017**

Technical Specialist

- Maintain and enhance 45% of software for the California High-Speed Rail Authority Project using C# programming, MS SQL Management Server. Maintain 55% of SQL database user interface, design coding utilities to support reporting of project status report, used MS Excel for report summary.
- Mentor junior Data Analyst for MS Excel reporting functionality and batch operations (internal tool)

PACAVI GROUP, San Diego, CA, USA   **SEP 2015 – NOV 2016**

Programmer Analyst

- Requirements gathering from engineering teams and providing product lifecycle management (PLM), workflow design, and change management (CM) using Aras Innovator software

- Worked with fellow developers to help with custom forms using HTML, CSS, JavaScript, JQuery. Also, worked on processing data in batches.

Orient Technologies Pvt. Ltd, Mumbai, MH, India   **JAN 2013 - JUN 2013**
Network Support Engineer
- Proactive in handling issues on priority clients and ensuring resolution promptly, process inbound and outbound technical support.
- Customer support resolve connectivity issue by troubleshooting, RCA functionality of access-point, (parent node and child connection setup) modems signal strength and remote accessing by telnet

Skills

Scripting	Python, Bash
Front End Web Development	HTML, CSS, JavaScript, JQuery
Back End Web Development	Node.js, REACT, REST API
Database	MySQL, Microsoft SQL server, MongoDB
Cloud and Micro services	AWS, S3, ECS, EC2, Docker
Infrastructure as code software	Terraform
Monitoring/Alerting	Cloudwatch, SPLUNK, APPDynamics, Pagerduty
CI/CD	Bitbucket, GitHub,
Deployments	Bamboo, AWS CodeDeploy
Testing	Zepher testing
Software Development Life Cycle	Jira, Confluence
Data Analysis	QlikSense, PowerBI, PowerApps, Tableau
OS	Windows, Linux
Agile Methodologies	Scrum, Kanban
Other skills	Troubleshooting, Root Cause Analysis, On call experience
MBA-ITPM	Leadership, Project/Product Management, SWOT, Comparative Analysis
Microsoft tools	PowerPoint Presentation, MS Excel, MS Office 365, Teams
Soft skills	Teamwork at different time zones, Customer Support

Certifications
- AWS Certified Cloud Practitioner   NOV 2020 – NOV 2023
- Full Stack Web development, UC San Diego Extension   FEB 2019 – AUG 2019
- Wireless engineering (OFDMA and 4G system) UC San Diego Ext, CA   JUL 2016 – SEP 2016

Education
- Master of Business Administration IT Project Management (MBA-ITPM)
  at Westcliff University (Irvine, California, USA)   JAN 2019 – APR 2021

- Masters of Science in Electrical Engineering   AUG 2013 – DEC 2016
  San Diego State University, CA, USA (attended)

- Bachelor in Electronics and Telecommunication Engineering, at Dwarkadas J. Sanghvi College of Engineering, Mumbai University   JUN 2009 – MAY 2012

Hobbies
In my free time I love to travel, snorkel, surf, reading books, foster pets, paint, landscape-sunset photography, cooking (innovating with food)