Aniruddha Narkhede

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Summary

A technology passionate and results oriented computer scientist with 10+ years of diversified work experience participating in the entire Software Development Lifecycle(SDLC) including analysis, design, development, unit testing, code review, end-to-end deployment using AWS.
- Expertise in building enterprise distributed systems using large-scale infrastructure.
- Expertise in building web applications with proficiency in JavaScript, NodeJS, SQL, MongoDB, Kafka, Angular, and React.

Languages: C#, Python, Java, JavaScript, php, HTML/CSS, SQL, PowerShell scripting, Bash
Frameworks & Libraries: Angular, React, Node.js, JUnit, Mocha, BDD, Material UI, Kafka, Bootstrap, Graphql, Chocolatey, Latex
Databases: Sybase, MySQL, MongoDB
Web Servers: Apache Tomcat, Redis
VCS: Perforce, GitHub, AccuRev
Exposure: Agile, SCRUM, AWS(EC2, RDS, S3, Load balancers, Autoscaling, EBS), Docker, GCP, Assembly script
Tools & Technologies: Rally, Postman, Nlyte, Jenkins(CI/CD), Maven, Eclipse, VS Code, VMWare virtualization tools, Blockchain technologies, NEAR

Experience

Infrastructure Engineer
IBM

Jan 2023 - Present (2 months)
- Design and deploy new services in IBM Almaden Research Lab
- Develop new IT services on Linux / AIX systems
- Maintain Almaden Lab core infrastructure services

Research Intern
IBM

May 2022 - Aug 2022 (4 months)
- Research on system life-cycle automation and developing ansible playbooks for base-build, system on-boarding, Join to AD, resolve vulnerabilities and sun-set system supported by an API server engine resulting reduction of manual efforts by 90%

Student Assistant
Tower Foundation of SJSU

Oct 2021 - May 2022 (8 months)
- Enhance, maintain research tracking system developed using MERN stack to showcase faculty research outcomes using Tableau dashboard that were utilized for analytics and future growth

- Developed OKTA SAML2 Protocol to integrate the rTrack system with SJSU SSO providing more security
- Developed a front-end UI by React and Redux that allows users to easily use the platform
- Designed MongoDB architecture for more efficient data storage and usage

Senior Developer
Capgemini

Mar 2020 - Jun 2021 (1 year 4 months)
- Efficiently led delivery of business critical CRT-D (Cardiac Resynchronization Therapy Defibrillator), CRT-P (CRT-Pacemaker), ICM (Implantable Cardiac Monitor) programming application on Merlin 2 PCS released for EMEA region by designing test plans and executing test cases.
- Led end-to-end test life cycle for ICM programming app automating 95% of tests resulting effortless release of the product
- Developed an end-to-end test framework for an internal neuromodulation web application using Java, Selenium, and Cucumber

Senior Developer
Capgemini

Jun 2016 - Mar 2020 (3 years 10 months)
- Designed automated framework, algorithms for deploying, configuring digital product suite for enterprise imaging apps using C#, PowerShell, SQL, Chocolatey, VMWare reducing install and configuration time & cost by 50%
- Architect-ed enterprise solutions, large-scale infrastructure, distributed systems using various computing, storage options
- Represented my client's Enterprise Imaging solutions for EMEA and AMER regions at RSNA-2019
- Analyzed performance comparison and optimized IT cost for Disaster recovery, Load Balance (F5, A10 & in-house) techniques for Enterprise Imaging app by improving overall performance
- Assisted product teams to improve their performance by at least 20% by analyzing performance tests results generated by perfmon, wireshark & SAR at different bandwidth & latency
- Assisted and built Data Center 60+ hosts (Racking-up server, Networking, OS installation etc.)
- Verified domain specific functionalities on deployed solution, IHE standards such as DICOM and HL7
- Received Igniting Imaging Award from my client for working extremely hard to identify and solve performance and stability issues

Technical Lead
Capgemini

Apr 2015 - Jun 2016 (1 year 3 months)
- Lead a team of 5 for the automation framework development efforts for a class II medical Enterprise Imaging Application
- Lead final V&V execution efforts, analyzed and published reports on Traceability matrix
- Work with the client development team & propose an enhanced approach for upgrade
- Trained new team members as well as existing team members Test case updating in ALM
- Created servers using VMware.
- Server installations of numerous types
- Daily status tracking, resolving issues, code reviews, suggest solutions to technical blockers

Sr. Software Engineer

Capgemini

Apr 2012 - Mar 2015 (3 years)

▪ Analyzing class II medical application for Automation with QTP and feasibility of Business Process Testing (BPT) as a possible approach for Automation and recruited new team members in the team

▪ Lead a team for extending the framework support for the application, for Automating the Application in different languages using a single Object Repository developing the Localization framework

▪ Test scripts modification and execution

▪ Suggested and implemented ways to improve the script quality and performance.

Software Engineer

Capgemini

Dec 2010 - Mar 2012 (1 year 4 months)

▪ Creation of Automated Scripts in QTP using VB script for class III medical device software

▪ Execution of QTP scripts, debugging and result analysis.

▪ Modifying the scripts for existing web pages

▪ Exporting a difference from Doors for each phase of requirement.

▪ Requirement Analysis

▪ Reporting and tracking of defects using Rational Clear Quest.

▪ Tracking, re-testing, Resolving and closing the Defects (SWRs).

Education

San Jose State University

Master's degree, Software Engineering

2021 - Dec 2022

Software Engineering processes, Enterprise Distributed Systems, SW System Engr, Enterprise SW Plat, Cloud Technologies, Virtual Tech, Data Mining, Big Data Engr & Analysis

Padmabhushan Vasantdada Patil Pratishthan's College of Engineering

Bachelor of Engineering - BE, Information Technology

Aug 2006 - May 2010

▪ Developed a full stack application to maintain tape library of ONGC; php for rendering web pages and php for backend API calls to MySQL database

Licenses & Certifications

Certified ScrumMaster (CSM) - Scrum Alliance

Issued Sep 2019 - Expires Sep 2021

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Skills

Full-Stack Development • Large Scale Deployments • Platform as a Service (PAAS) • Cloud Computing • Agile Methodologies • Distributed Systems • High Performance Computing (HPC) • Software Development • Ansible • Unix

Honors & Awards

Presentation

Dec 2019

Integration of GE Healthcare's in-house and third-party AI algorithms with PACS for detection of traumatic conditions like Pneumothorax, Intracranial hemorrhage etc. and demoed this entire Infrastructure setup live at RSNA 2019