Bharath Ramachandran

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SKILLS & TOOLS

Languages : Javascript ,Typescript, Python, SQL, TSQL

Database : Microsoft Sql Server, Oracle 9g, MySql, Redis (NO-SQL), Postgres, Snowflake

Frontend : Angular, React, RxJS, AEM

Backend : Flask, ExpressJS, SqlAlchemy, Kafka

Infrastructure : AWS, EC2, RDS, Elastic Beanstalk, S3, SES, Route 53, SQS, Kafka

Applications: Salesforce (SFDC) **,** SSIS, Adobe Experience Manager (AEM), Walkme, Zapier, JIRA, Confluence, Netsuite, Tableau, Mulesoft, Active Directory (AD), OKTA

Testing : Selenium, Perfecto, JAWS (ADA testing)

PROFESSIONAL EXPERIENCE

Globality
Lead Application Engineer   May 2021 – May 2023

- Led development of critical applications, including engineering design, product development and implementation
  - o Built a rules based evaluation application for bid proposals ensuring adaptability to changing requirements
  - o Built a system to map and report Net Promoter Score from multiple sources and provide valuable insights to drive business growth
- Developed and Implemented Technical Design Review Process across all engineering teams based on sound engineering principles of full SDLC life cycle covering platform changes and 3rd party application changes
- Partnered with Product and Engineering to create team roadmap and prioritize build of internal tools and built reports to review and recourse to better teams performance
- Contributed innovative ideas and solutions to software architecture and design decisions, ensuring the scalability and maintainability
- Implemented agile development process and educated business members and stakeholders on benefits of agile process
- Created Integrations with Slack, Walkme, Netsuite, SFDC, AD, Freshservice, Cronitor for operational and data needs

Various early stage ventures
Architect

- Skirmesh | 2022 | I developed a robust WebSocket API that supports a medium-scale gaming platform. Ths included seamless integration with multiple mobile platforms using Capacitor from a singular angular web application.
- Fiji Fry House | 2023 | I built and manage the CMS based web application and inventory management system and oversee the technical infrastructure that supports their critical operations

Kaiser Permanente
Software Application Engineer   Oct 2018 – Sep 2021

- Designed and developed responsive and user-friendly web applications using modern front-end frameworks (Handlebars, Angular, React)
- Implemented web designs and visualizations using HTML, CSS, and JavaScript, ensuring cross-browser, device compatibility and accessibility(ADA)
- Collaborate cross-functionally with product managers and UI/UX designers to plan and develop intuitive user interfaces and ensure successful delivery of projects
- Led code reviews and design reviews for critical projects
- Developed technical documentation for web applications, including user manuals and technical specifications
- Created and administered training and internal certification program for SSIS integration tool across department
- Conducted technical interviews for hiring engineers, QA, and BA and onboarded new hires
- Mentor junior level developers on SDLC process and guide them to enhance their technical skills

Kaiser Permanente (Contract)
Software Engineer   Oct 2015 – Sep 2018

- Translate wireframes into functional requirements and built reusable, and high-performance code for UI components
- Migrated web applications from using RESTful back-end APIs to GraphQL services
- Built, authored AEM components and pages to support CMS needs and modified out of the box AEM components to meet project req
- Supported dual languages using AEM sites and JCR, setup analytics using AEM Analytics tool.
- Championed new operational principles to increase automated test cases for scalable and more robust solutions
- Ensured 94% test cases were automated and built custom scripts to auto update test status for monitoring health, issues, and gaps
- Built KP testing framework including features to standardized testing practice across KP org.
- Built a mailer service for a micro service architecture backend and upgraded multiple services to leverage the new mailer system.

Anthem (Contract)
Data Engineer   July 2013 – Sep 2015

- Built scalable data pipelines involving data ingestion and transformation, and prototyped emerging solutions using custom scripts
- Trained the offshore team and implemented ticketing system for efficient data change request submission and triaging
- Wrote production ready recursive scripts to solve and mitigate data discrepancies in production
- Created Automation scripts for generating test data for testers

- Wrote SSIS packages for moving data examples being moving data from warehouse to data marts for analytics teams
- Built views based on latest data so analytics teams can use report to interpret data
- Wrote ssis packages that process flat files dropped by vendors into a FTP location
- Created functions and procedures for processing and managing platform interactions
- Created OLAP DBs for researchers and analysts to leverage a subset of the data in DW.

EDUCATION

Bachelor of Science, Computer Science | Manav Bharti University