Prem Kumar Raghava Manoharan

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Education

Northeastern University, Boston   Expected June 2024
Master of Science in Software Engineering System
- Course Work: Concept of Object-Oriented Design, Data Science Engineering Methods

Sri Venkateshwara College of Engineering, Sriperumbudur   August 2020
Bachelor of Technology in Information Technology
- Course Work: Data Structures & Algorithms, Cloud Computing, Database Management system

Skills

Programming Languages: Java, JavaScript, Dart, C, Python, SQL
Cloud Technologies: Azure Kubernetes Services, Azure Log Analytics, Azure Cloud Services
Frameworks: Google Flutter, NodeJS, ExpressJS
DevOps: Azure DevOps, Ansible, Docker, Helm
Database: MySQL, PostgreSQL, Google Firebase, MongoDB

Work Experience

Engineer Cloud Applications and Services   August 2020 - July 2022
Larsen and Toubro Infotech, Chennai, India
- Automated deployments of OpenText Documentum D2 in Azure Kubernetes Services using Azure CI/CD Pipelines to reduce time by 50% for developers to deploy
- Initiated and Created Grafana Dashboards, Azure alerts for Monitoring Infrastructure using Azure Log Analytics, helped to reduce 40% of repetitive issues
- Developed a script to read logs and send to Azure Log Analytics in order to send alerts to the respective teams to fix issues and decreased time by half for analyzing logs
- Built Azure pipelines for deploying Azure infrastructure resources using Ansible roles and saved 20 hours a week for the team
- Backed "Dream Team" award for efforts with the infrastructure team

Backend Developer   January 2020 - May 2020
Retail9 Ventures, Bangalore, India
- Learned and worked with an interactive team to revamp the existing monolithic application into a 2.0 modernized application in a short period of time contributing to an increase in user count by 40%
- Automated day-to-day task using PHP scripts to save two working hours per day

Flutter Developer   January 2019 - May 2019
Mocero Health Solutions, Chennai, India
- Created the first version of the Patient Management App by leveraging Flutter framework for cross-platform application development (Android, iOS)
- Developed flutter application using Test Driven development method to make refactoring the app easier in the future

Certifications
- Azure AZ-900 Microsoft Azure Fundamentals

Leadership

President   June 2019 - March 2020
Association of Information Technologists, Chennai, India
- Conducted around 15 technical events for students at Sri Venkateswara College of Engineering
- Developed an application for calculating grades to help almost 1000 students and avoid miscalculations of assignment grades