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Education

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, IL
Master of Science in Computer Science
Data Analytics Specialization

AUG 2017 – MAY 2019
CGPA: 3.8/4

Madras Institute of Technology, ANNA UNIVERSITY, INDIA
B. TECH, Electronics and Communication Engineering

AUG 2011 -- MAY 2015
CGPA: 8.5/10

Technical Skills

LANGUAGES : HTML, CSS, JavaScript, React, React Native, Java, Spring, Angular, Groovy Jenkins, R, Python, C, C++, SQL, AWS, Kubernetes
DATABASE : MySQL, Redis Cache
WEBSERVICES : RESTful, JPA, Hibernate
TOOLS : IntelliJ, VS Code, Docker, AWS cli, Jenkins
OS : Windows, Linux
Platforms : Amazon Web Services (AWS), Pivotal Cloud Foundry (PCF)
SDLC : Agile, extreme Programming (XP), Test Driven Development (TDD)
CERTIFICATIONS : **Certified Kubernetes Application Developer (CKAD)**, **AWS Solutions Architect Associate**, React, Docker, Angular, JavaScript, Spring, CCNA Routing and Switching at CISCO Networking Academy, DTMF based embedded System development.
APPRECIATIONS : Handworker and knowledge sharing to the entire team.

Personal Skills

- Lunch and learns – Knowledge sharing to the entire team (40 people). Includes three lectures on AWS and two lectures on Kubernetes.
- Ability to learn / work / adapt to any technology at the earliest.
- Learning new skills / technologies apart from work by spending at least 3 hours every day.
- Completing professional certifications.
- Strong helping / problem solving / debugging and leadership skills.

Professional Experience

HERTZ CORPORATION
FULL STACK DEVELOPER | BANNOCKBURN

JUL 2019 – PRESENT

Project 1: Hertz Rate Engine

Technology: Amazon Web Services, Kubernetes, Groovy Jenkins script, Docker, Git, Cloudant database, Jira, Nexus, TDD, Nodejs.

Description:

Hertz Rate Engine is the application used to generate best rates for the cars as well as store the reservations details, car availability, rate availability, account promotions, location details, loyalty details and currency conversions.

Responsibilities:

- Cloud migration of the HRE application into AWS EKS environment.
- Scripting/creating a new pipeline workflow for deploying the application into AWS environment. Few features involved in the pipeline: Single pipeline deploying application from development environment to Production environment, Dynamic deployment of image version between various environments, locking of pipeline stages, Teams notifications for approvals, GitHub tagging and storing test results of the builds to nexus.
- Handling/Implementing all the devops related tasks as well as handling the Production Deployments.
- Implemented SQS technology between RMS (Business UI Tool) from OKC datacenter to HRE (Rate Engine) in AWS. Implementation includes creating a queue, scripting Jenkins, Kubernetes yaml configurations, EKS cluster setup / IAM roles and writing the consumer application using JavaScript.
- Current/Future Tasks: Creating new apis/updating existing apis in the HRE application, Implementing Grafana dashboards for the EKS cluster and creating alerts based on metrics.

Project 2: MyHertz App

Technology: React Native, CSS, Jenkins, JavaScript, Git, Nexus, Docker, TDD, Detox, Nexus, Jira, Google Firebase.

Description:

MyHertz is an internal app used to get latest information's internal to hertz like the discount programs, employee/family benefits and community updates.

Responsibilities:

- Design and development of the MyHertz App.
- Implementing Google Firebase for metrics.
- Storing the test results in nexus.
- Creating pipeline workflow to release the app in App Center, App store and Google play store.

Project 3: Hertz.com, Dollar.com, Thrifty.com

Technology: Spring Boot, React, Hooks, JavaScript, CSS, Docker, Kubernetes, Istio, Jenkins, Jira and AWS.

Description: Hertz.com, dollar.com, thrifty.com is a UI web application used by users across the world to make a car reservation.

Responsibilities:

- Developing the frontpage, confirm reservation, cancel reservation, modify reservation screens and microservice changes.
- Handling deployments and pipeline changes.
- Setting up sandbox environments to deploy and verify the user story changes.
- Storing the test results in nexus.
- Helping the team by acting as a bridge between the Cloudops team and development team.

CREOSPAN INC

FULL STACK DEVELOPER | CHICAGO

JAN 2019 – FEB 2019

Project: Design & Development of Employee Portal, USA (Chicago)

Technology: Spring Boot, Java, HTML, CSS, JavaScript, Bootstrap, React JS, material-UI, MYSQL, PCF

Description:

Designing and developing Employee Portal service that help the company to maintain the employee details, client details and the policies associated with the client. Spring Framework (Spring Boot), JPA/ **Hibernate** with Restful services were implemented to obtain the required information stored in the MYSQL database. The User Interface was developed using Angular5+ and React Js and made use of Rest Services to display content and used material-UI to make the application responsive. Used test-driven development (TDD) as a development practice and followed extreme programming.

Responsibilities:

- Develop RESTful web services, design and implement responsive web pages.
- Build and Deploy the application in Pivotal Cloud Foundry.

INFOSYS LTD

SYSTEM ENGINEER | CHENNAI

NOV 2015 -- JULY 2017

Project: AT&T (American Telephone and Telegraph) Corporation, USA (Dallas)

Technology: Angular, HTML5, CCS3, JavaScript, Web Accessibility, Adobe Analytics, Java, Spring Framework.

Description:

Enhancing the Business Center portal for the AT&T users that helps users to purchase new services provided by AT&T Corporation. Technology used it's is a Spring application with Angular as the frontend framework, build using maven and deploy in the server. Following Agile methodology and test-driven development (TDD) approach as development practice.

Responsibilities:

- Worked in setting up data for multiple API's in ICDT server.
- Unit testing for AT&T Business center portal.
- Receiving information from the API's, Modifying the data and sending the required information to be displayed on the UI from the Backend.
- Developing new web pages as per the client requirements.
- Maintaining web accessibility for web pages using NVDA Screen Reader, VAT Toolbar and Fire Eyes software.
- Updating Quality Center. It is a software which offers quality assurance, including requirements management, test management and business process testing for IT and application environments.

CISCO NETWORKING ACADEMY:

STUDENT TRAINEE | CHENNAI

DEC 2013 – APR 2014

Technology: C#, Data Structures, Routing, Switching

Description and Responsibilities:

- Describe the devices, role of protocol layers and services used to support communications in data networks and the internet.
- Addressing and describing various naming schemes at various layers of data networks in IPv4 and IPv6 networks.
- Explain fundamental Ethernet concepts like media, services and operations.
- Building a simple Ethernet network using routers and switches.
- Use Cisco command line interface commands to perform basic router and switch configurations.
- Utilize common network utilities to verify small network operations and analyze data traffic.

UNIQ TECH

INPLANT TRAINEE | CHENNAI

NOV 2013 – DEC 2013

Project: Enhancing the Web Portal of the Company.

Technology: Java, JavaScript, HTML, CSS, Bootstrap

Description:

Feature Enhancement of web portal associated with the company using HTML, CSS, JavaScript and Java. The User interface was made reactive and user friendly. Web portal involves details of the company like Contact, location, Technologies used, upcoming event and search feature to get details of the individual Employee. Responsibilities involves design and development of Web portal and pushing the changes in the Git Repository.