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Education

- **University of Bridgeport** Bridgeport, CT
  Master's in Computer Engineering. *Jan. 2018 – Dec. 2019*
- **Kakatiya University** Warangal, India
  Bachelor's in Electronics Communication and Engineering. *Aug. 2013 – Aug. 2017*

Programming Skills

- **Programming Languages**: Java 8/11, J2EE, C++, Python, C#, ASP.Net Core.
- **Frameworks:** Spring, Spring Boot, Quarkus, Hibernate, JPA.
- **Web Technologies**: Angular, NodeJS, JavaScript, HTML, CSS, Bootstrap.
- **Database Technologies**: DB2, MySQL, MongoDB, CosmosDB.
- **Testing Frameworks**: JUnit, Maven, Mockito, Karma, Jasmine, Apache J-meter (JMX script), Sonarqube.
- **Dev Tools / Applications**: Git, IntelliJ IDEA, Eclipse, Visual Studio Code, Postman.
- **Build and Deploy tools:** Maven, Jenkins, Azure Devops, GCP, Gradle.
- **Web Servers:** Apache Tomcat, Web sphere.
- **Messaging Services (Queue & Topics):** Apache Active AMQ, Visual VM.

Experience

- **Miracle Software Systems** Programmer Analyst (Full Stack Developer)
  Feb. 2020 - Present

  - Participate in scrum meetings daily/weekly and coordinate with Business Analysts to understand the business needs and implement the same into a functional design.
  - Worked in Design, Develop, Build, Test and Deploy the enterprise web application using JAVA 8/11, Spring Boot, Quarkus.
  - Worked on the enhancement of UI for web application which will impact customers directly using Angular, HTML, CSS.
  - Implemented the Unit testing, Integration testing using Mockito, Spring, JUnit, Maven, Karma, Jasmine for Back-end and Front-end to get the SonarQube analysis for better code quality and cover the edge cases.
  - Implemented the Load Testing with Apache J-meter (JMX Script), K6 script and API testing in Smoke profile, K6 scripts to Ungated the Azure Pipelines.
  - Worked with SQL queries to store the data in MS SQL Server.
  - Worked with the Apache ActiveMQ and Visual VM to integrate different Web Services and Listeners. Used them for messaging services.
  - Build and package the applications using the tools like Maven, Gradle.
  - Deployed the CI/CD pipelines through Jenkins, Azure Devops (AKS) and GCP.
  - Migrate applications from tomcat to Docker/Kubernetes for deploying to Azure through respective CI/CD pipelines.
  - Involved in the code reviews and helped team members to refactor the code for better code quality.

  Environment and Tools:
  JAVA 8/11, J2EE, Spring, Spring boot 1.x/2.x, Quarkus, Angular, Hibernate, HTML, CSS, Junit, Maven, Karma, Jasmine, Apache J-meter, Apache AMQ, Visual VM, Postman, MS SQL, Cosmos DB, Jenkins, Azure Devops, GCP, DB2.

Projects

- **Developed a Banking Web Based Application using hashing encryption.**
  - Implemented the UI for the Web Application using the AngularJS, HTML, JavaScript, CSS. Features include User-dashboard, Login, Checking Account, Savings Account, Withdrawal status, Available Balance, etc.
  - Worked with JAVA8, Spring to develop the most reliable application.
  - Implemented the SQL queries to store the data in MS SQL server.
  - Implemented the Hashing Encryption to mask the password for more security.
  - Implemented the Unit Testing with JUnit.
  - Developed the application using the Visual Studio code and Eclipse IDE.
- **Developed a Learning Management System with Web Advisor.**
  - Developing a Learning Management System with Web Advisor using ASP .NET Core Razor Pages, the latest web framework of ASP .NET. Features include Admin dashboard, Login, Course Look Up, Course Registration, Course Interaction, Grading, etc.
  - Designed Front-End HTML with Razor Syntax and Bootstrap for a responsive web app.
  - Designed Back-End with Admin Dashboard features using C# and ASP .NET Core Framework.
  - Set up Authentication (Email Sign-In and Google Sign-In) and Authorization for route restrictions using Identity Framework.
  - Set up Database using MSSQL and built the web app initially with DB first approach and then shifted to code first.
- **Database Management using Python in Neural Networks.**
  - Developed a Python program to read data from multiple files and use search operation to find particular sequence from all the files provided.
  - Created a Database using MySQL to store the Test sequence results.
  - Linked Python with MySQL using connect () constructor and verified Database validity.