BHUMIT PATEL

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Summary

I am someone who loves to work hard, because hard work develops good habits. Hard work enables you to continually learn, and it gives sense of achievement that makes you feel positive and satisfied in your work. Also, I have steady source of motivation which drives me to do better work. I can fully utilize my programming skills and algorithm with data structure skills to make important contribution towards the success of company.

Education

Master of Science: Computer Science,
California State University - East Bay
(2019-2021). GPA of **3.80** on scale of 4.00

Bachelor of Science: Computer Engineering
Gujarat Technological University – **India**
(2015-2019) CGPA of **8.39** on scale of 10.

Experience

Backend Developer II Nexient LLC.   Sep 2021-Current

- Working on development of Microservices using Event Driven Architecture with Kinesis, Hexagonal architecture.
- Developing and deploying Docker containers on Kubernetes ECS clusters using GitHub Actions
- Writing, Debugging and Testing (unit, functional, and performance) code in all application layers, including Back end micro service, middle layer (Service), and data access layer (Data) in a microservices architecture.
- Migrated and refactored legacy systems incrementally. Mimicking behavior while adopting new infrastructure. Regression testing, feature flags, data migrations, and output comparison ensure completeness.
- Implemented multiple modules and incorporated WSDL to decouple backend microservice.
- Design Camunda BPM flow for various process in single microservice and integrated it with Spring application and WSDL object to fetch data.
- Design Develop and Test Portal using Java/J2EE and Liferay Portal Technology.
- Work on Liferay Tomcat Server, Oracle database, including customized login for external dealer users and SSO for internal Admins.

Software Developer Citi Group   July 2021-Sep-2021

- Experience in developing web applications using MVC's Frameworks like Apache Struts 1.2, Spring 3 and hands on experience with ORM Tool Hibernate 3.0
- Done code Refactoring for all the applications for self-developed code and in Peer review code Refactoring.
- Extensive experience in developing dynamic web pages using JSP 2.0, Servlets 2.4, JDBC, JavaScript, Tiles, JSTL, HTML, CSS.
- Migrated Order Management System from 1.0 to 2.0 based on Microservices architecture to handle the e-commerce order from different clien

Teaching Associate California State University, East Bay   Aug 2020-May 2021

- With an outstanding academic I was elected as teaching assistant for CS201 subject.
- Where I have to explain data structure and algorithms to undergrad students using C++ or JAVA language. I have also explained traversing and searching in trees and graph. I have also explained all searching and sorting algorithms.
- Draft and present day-to-day report to senior professor regarding students learning outcomes and situation.

Junior Java Software Developer Porelab Scientific Private Ltd.   April 2017-May 2019

- Develop and design front end applications using HTML, CSS, Javascript and backend using Java, Spring.
- Developed application and website using Java, Spring, Hibernate, MYSQL; documented and tested prototypes.
- Created databases objects like tables, views and indexes in MYSQL database.
- Excellent in designing Test plans, Automation Framework and writing & executing automated test scripts to pinpoint software defects and validate functionality.
- Extensive use of JAVA OOPs concept for developing automation frameworks using Selenium WebDriver and Maven.

Academics Projects

Messaging Application Using Spring   Jan 2020-June 2020
One-one to instant messaging project designed which demonstrate Web Sockets in a load-balanced environment. Web Socket usage includes user presence monitoring and chat messages. Backend is developed in JAVA 8 with spring boot. For frontend Angular.js is used. RabbitMQ PubSub pattern is used for multi-server messaging. MySQL Database is used for storing messaging and Hibernate is used for Object Relation Mapping (ORM).

Tour Website Development   Sep 2019-Dec 2019
JavaScript DOM queries, React with Ne-Db as database promises used. Promises are used with Node.js function. Finally testing of various API's with chai assertion.

Home Surveillance   Nov 2018-May 2019
Coordinated Raspberry pi 3B for loading operating system using python programming language. Also use PIR sensor to detect human activity in absence owner. Firebase database and storage is used.

Leave Management System   Nov 2017 - Feb 2019
Successfully build website using HTML, CSS and PHP as sophomore student project in Bachelor of Engineering. We have used unit testing for this project.

Skills

- **Programming Languages :-** Java, Python, C++, JavaScript, HTML, CSS
- **Tools :-** Eclipse, Visual Studio Code, Android Studio, Junit Testing, Spring, JPA, Hibernate , GitHub.
- **NLP :-** TensorFlow, Transfer Learning, Keras, LabelImg
- **Database Management :-** DynamoDB, MySQL, SQL Server
- **Cloud-Based :-** AWS, GCP, Docker, Kafka

Certifications

- **AWS Certified Developer Associate DVA-C02 :-** Get understanding of AWS tech for developer view. (Kinesis, S3, DynamoDB, IAM role, ECS, EKS, Lambda, CloudWatch logs)
- **Angular JS:** - React-Dom and Node JS for developing website and deploying on server
- **Microservices Foundations :-** Communication, Logging and Tracing and embracing in DevOps culture.
- **Swift Programming**: - Firebase connection and various API's for user-interactive IOS Application.