Bangalore,Karnataka   (+91) 9760780742

India   **Vinayak Pahuja**   vinayakpahuja01320@gmail.com

Summary

- Experienced Software Engineer and competitive programmer with a good hold in problem solving.
- Rewarded Extra Miller award by Evive Software Analytics.
- Demonstrated history of working in the information technology and software development industry.
- Skilled in Java , Data Structures, Microservices, Relational Databases, Spring Boot, Object-Oriented Programming (OOP), Amazon Web Services (AWS), Cloud Development, Reactive Programming, Postgresql, and Maven.

Experience

Software Development Engineer   **Fair Issac Corporation**   May 2021 - Present

Product #1 : *FalconX*
Business Problem Solved - Part of a team who created a Fraud detection tool which contributes to the 40% revenue of FICO. With suspicious transactions detected by BI models we can judge transactions through the behavior of any individual.
Technical Details - Contributed in development of a microservice named gateway-service by creating backend and frontend apis.
* Part of Architectural team to design the architecture of the Product
* Created a roles api to decide how to display features based on the user roles.
Technology Used - Java8, MongoDB, Angular 6,Typescript.

Software Development Engineer   **Evive Software Analytics**   April 2020 - April 2021

Product #1 : *Cloud Data Center*
Business Problem Solved - Created a complete serverless pipeline to capture, monitor and visualise millions of data which got updated every instant with 0% loss in AWS cloud infrastructure.
Technical Details-Developed whole pipeline single handedly for which was awarded by Evive Extra Miller Award.
* Designed a storage mechanism which can store approx infinite capacity of data with minimum cost.
* High Scalability of data to ensure data availability.
* Written Daily Job to ensure the removal of stale entries .
 * Built a QuickSight Dashboard for better analysis using Aws Athena , Quicksight Dashboard.
* Dashboard is now used by more than 80% of clients.
Technologies Used- Java8 , NodeJs, Kinesis, Lambdas, Postgresql, AWS glue, Quicksight.

Software Development Engineer Intern **Evive Software Analytics** April 2019 - March'20

Product #3 : *Tag-Engine(Microservice)*
Business Problem Solved- Segment the Section of Users to group into certain criteria by using tags driven by rules.
Technical Details - Introduced folksonomy to provide automated benefit tags driven by rules.
* Connects with multiple micro services to support and provide for various products.
* Created Tag Rules with the Data Science team to ensure the correct section of people fall under the correct criteria.
* Created Apis that transform business ideas into solutions through code.
* Wrote Unit test cases to test the functionality of code.
* Use Postgres to store the data with Hibernate as ORM implementation
Technologies Used - Java8 ,Spring Boot, Ribbon, Consul , Postgresql

Education

B.E/B.tech **Chitkara University** CGPA-: 9.49
Courses :- Data Structures, Design and analysis of Algorithms, Computer Architecture, Computer Networking, Database Systems, Operating Systems .
Achievements -: Stood 1st RunnerUp in ACM Codeathon 2018.
- Stood 1st RunnerUp in InterBatch Project Competition
- Experienced ICPC Codechef Codeathon

Project :- **Student Welfare Refund Policy**
Problem Statement - In Hostels, students need to give advance mess fees for a semester . If on any particular day if they miss the meal or meal quality is not good , they are not getting reimbursed for that meal .
Reward - Won the Inter Batch Project Competition and assured the implementation of the system.
Solution - Created Mess Management with refund policy that will ensure that a student needs to pay only for a meal he/she is taking otherwise the money will get reimbursed in the upcoming semester by using mess attendance feature on warden portal .
Technologies Used - Java , Javascript , Session Storage, Cassandra.

Skills

Programming Languages - Java8 , Node js(basic), C++ (basic)
Operating System - Windows, Mac OS, Android
Database – Postgresql,Cassandra,Redis,DynamoDb
Frameworks and tools - IntelliJ IDEA, Spring, Hibernate, Junit Testing
Others – AWS,GitHub, Maven, Jira, ReactiveJava, Microservice Architecture
Data Structures and Algorithms , Cloud Services