

EXPERIENCE

Gap Inc| Senior Software Engineer ,Hyderabad

Nov 2021 –Present

- Design and development of restful **microservices** as a part of product flow modernization.
- Developed services using **Spring Boot, Spring Data JPA** for communicating to database, **Liquibase** for database change management.
- Worked on enhancing microservices for communicating with the upstream and downstream systems for building a new platform , Next Generation Point of Sale
- Used **Kafka** for posting transactions to downstream applications
- Enhancements to **MapReduce** Jobs that use **HBase** for populating the product feed as per business requirements
- Built dashboards on **New Relic** for monitoring purpose
- Used **Redis** to improve the response time of Product fetch
- Used **JUnits** for unit testing, **Cucumber** for feature level testing, **Sonar** for Code quality.
- Containerized microservice applications using **Docker**
- Participated in deployment activities, which include creating change requests, validations in prod env for services deployed in **PCF** and **AKS**
- Running performance tests in Production using **JMeter**. Was able to perform **200** transactions per second (**TPS**)
- Developed automation tools for test data preparation, data comparison
- Participated in **code reviews**
- Part of the **interview panel** helping organization build the right talent
- **Mentored** a team of 8 freshers for development of onboarding projects
- Used **Agile/Scrum** methodologies for developing applications.

UnitedHealth Group| Software Engineer ,Hyderabad

Nov 2018 –Nov 2021

- Utilized the **microservice** architecture for development of **RESTful WebServices** for submission of client jobs, monitoring the jobs submitted ,managing Workflows etc.
- Developed services using **Spring , Spring Boot, Spring Data JPA** and **Hibernate** framework.
- Used **OpenShift** for deploying the services developed.
- Deployment of services on **Azure Kubernetes Service**
- Updation of client specific job details in **Azure Blob Storage**.
- Used **Docker** and **Kubernetes** orchestration for containerizing the developed **microservices**.
- Worked on development of regression test suites, automating the validation of developed code when triggered a build using **Jenkins**
- Used **Junits** framework for unit testing of code written and **Sonar** for resolving critical, blocker and major issues.
- Also developed tools for automating several manual tasks.
- Worked on development of platform for processing multiple analytics in **Java**. Used the Cascading/**MapReduce** framework for running analytics over large datasets.
- Worked on development of Analytic Normalized Pricing. Built on Beam/**Spark JAVA** SDK the analytic is capable of **processing 350M plus records**

- Implemented new Workflow for integrating analytics developed on different platforms.
- **Optimized** the **performance** of applications developed by reducing unnecessary operations, redundant clones and hence reduced time duration and memory consumption by 40%.
- Used **Agile/Scrum** methodologies for developing applications.

CA Technologies | Associate Application Developer, Hyderabad

June 2017– Nov 2018

- Worked on an application CA Trials that allows the user to use products on trial basis. Implemented using **Spring** framework , developed several **RESTful** WebServices which included making api calls to Salesforce and **SAP**
- Developed audit logging reports , enhancements of SAP features to support the business.

AxiomIO | Software Engineer | Intern , Hyderabad

Jan 2017– May 2017

- Development of DataSecurity product to encrypt confidential data stored in local drives and cloud. Implemented in **C#** the product uses a number of encryption algorithms for encrypting the data in cloud accessed using **Oauth2** protocols and cloud api

EDUCATION

JNTU Hyderabad, Collage of Engineering Hyderabad

2013 – 2017

- B.Tech in Computer Science and Engineering - 82%

Sri Chaitanya Junior Collage

- Intermediate in Maths, Physics and Chemistry – 97.7%

2011 – 2013

St. Andrews High School Hyderabad

2011

- SSC – 93.8 %

TECHNICAL SKILLS

- **Languages** : C/C++, Java, SQL
- **Frameworks/Tools**: Spring, SpringBoot, MySQL, Redis, Hibernate, , Docker, Kubernetes, Jenkins, Hadoop, SAP, Spark, Linux, Git, Junit , NoSQL, New Relic
- **Cloud** : Azure
- **Operating Systems**: Linux/Windows

AREAS OF INTEREST

- Data Structures and Algorithms, Web-Application development, Distributed Systems & Test-driven development

ACHIEVEMENTS AND AWARDS

- **Bravo Award** : - Performance bonus award for making much appreciated 'above and beyond' contribution to Analytics Platform Team.

- Spot Award : Appreciation from Business for significant contribution and resolution of prod issues in time.
- Competitive programmer with a golden badge in Algorithms domain in Hackerrank.
- Consistently maintained a rank in the top 10 among 160 students in the department during my bachelor's program.
- Secured a rank of 1017 among 3,96,143 students in EAMCET 2013.
- Jumbled Code - Runners up in the event conducted by Osmania University as a part of their annual fest. Computer science department of University College of Engineering, Osmania University, as part of their annual level technical fest 'Infinity 2016'.

PERSONAL PROJECTS

- MyTodo: An application which helps users to create,edit,delete and list their Todos.[Node.js,MongoDB,Express.js]
- AirBnB Data Analysis : An analytic that would generate stats that would help AirBnB to perform their business better. [Spark,Java,Avro]
- Beyond Compare : An Application used for comparing large files [SparkSQL,Java]

Please visit <https://prajwalm12.github.io/> for details.