AISHWARYA PARABAT

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SKILLS

- **Languages** : NodeJS, Python, JavaScript, C/C++, Java, SQL, ReactJS, Express, CI/CD, DevOps, OOP, System Design, Data structures and Algorithms.
- **Technologies and Tools** : AWS, Azure, Lambdas, API Gateway, Cloud Computing, Apache-Flink, Apache-Kafka, Serverless, Git, Bitbucket, Maven, Postman, SonarQube, Kibana, Docker, Kubernetes, Terraform, Database, Full-Stack, Backend technologies, Microservices development.

PROFESSIONAL EXPERIENCE

Software Engineer,   *Bengaluru*
TCS | Air Canada   *August 2021 - Present*

- Led the Architecture design and development of **AWS Lambdas** seamlessly interfacing with **RDS, S3, API Gateways, Kafka, SNS, SQS, DynamoDB, CloudFormation** and other interesting AWS services.
- Led the implementation of 25+ live **Notification Services**, utilizing **Java** and **NodeJS** to deliver efficient solutions that met critical client needs in Notification Migration. Achieved 80% enhancement in code performance, guaranteeing project success.
- Executed the deployment of **Flink applications** in **AWS Kinesis Analytics**, enabling **real-time data streaming** for diverse client operations, resulting in a 40% reduction in data processing time and enhancing scalability for future growth initiatives.
- Implemented AWS Private APIs to securely grant customers access to PNR details, enabling efficient **billing**, **invoice generation**, and **data management**, connecting with **Robotics RPA** servers to improve generation speed by 70%.
- Spearheaded the **Data Migration** of over **50+** AWS services and their architectures between AWS regions. Oversaw the end-to-end migration process, ensuring minimal disruptions and maintaining data integrity, thereby marking a significant milestone for the project.
- Engineered and deployed critical **AWS APIs** for precise shipment data and cargo products, enabling seamless order management, order creation and cancellation, and live flight tracking capabilities, resulting in a 70% increase in order processing efficiency and 50% customer retention.
- Implemented unit and integration testing strategies to ensure adherence to best practices, focusing on achieving a 90% code coverage in SonarQube, significantly reducing defects and enhancing software reliability.
- Directed cross-functional Agile teams in the architecture and development of technical design and services, ensuring project completion within tight deadlines and code quality and project scope.

Technologies Used : *AWS, NodeJS, Apache-Flink (Java), Python, Git CI/CD Pipeline,Terraform and SQL.*

CERTIFICATIONS

- AWS Certified Developer – Associate
- Amazon AWS Certified Cloud Practitioner
- Microsoft Certified: Azure Developer Associate
- Google Cloud Associate Cloud Engineer Certificate

EDUCATION

Visvesvaraya Technological University   **Belagavi, Karnataka**
B.E in Electronics and Communication Engineering (ECE) CGPA - 8.2   *2017 - 2021*

Government PU College   **Gadag, Karnataka**
PUC-2 (PCMB) - 86%   *2015 - 2017*

INTERNSHIP

Python-Internship   *January 2021 - March 2021*
- Engaged in a comprehensive internship program designed to cultivate proficiency in the most sought -after technologies and Hands-on practical Experience in Python Projects.
- Completed diverse projects aimed at mastering practical applications, acquiring practical experience in python.