

Bangalore,
India

Biswambar Pradhan

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Languages and Technologies

- Languages and Frameworks: Java, Spring, Hibernate, Python
- AWS: EC2, ECS Fargate, NLB, S3, Lambda, Glue, Athena, Lakeformation, Step Function, Aurora Postgres
- CloudFormation, Terraform, Git, Maven, Bamboo, UrbanCode Deploy
- Certifications: AWS Developer - Associate, AWS Cloud Practitioner

Employment

Software Engineer - II	JP Morgan Chase	02/2023-Present
Financial Transaction Tax Team		
<ul style="list-style-type: none">• Designed and architected Financial Transaction Tax application enabling accurate tax calculations for trades across Italy, France, and Spain.• Created CRUD Rest APIs for trades, exchange rates using java, spring boot and ECS Fargate.• Implemented an algorithm for currency conversions of all trades based on the European Central Bank's end-of-day exchange rates.• Created Both APIs and UI for a web file system which replicate AWS Console's S3 using Java, Spring and React.• Designed daily Batch jobs using Python, AWS Glue, Boto3, Athena and Step function which acts a bulk data source for the application.• Responsible for building and maintaining team's AWS Infrastructure of ECS Fargate, NLB, Lambda, Route53, AuroraPostgres using Terraform.• Migrated Team's exiting AWS Lambda's into multiple ECS Tasks and with functionality of failure-retry and alerting using AWS step-function and SNS.• Integrated Spinnaker deployment for all applications, streamlining the deployment process• Collaborated closely with architects to support the seamless migration of multiple other teams to the AWS platform.		
Software Engineer	Ernest and Young	08/2021-02/2023
US CDI Team, Fidelity International		
<ul style="list-style-type: none">• Created Eligibility service API using Java, and SpringBoot to validate every trade placed in US CDI• Delivered the Estimation and Foreign Exchange Charge API using Java and Spring Boot, serving over 2.7 million Fidelity users for purchasing US stocks• Created AWS Infrastructure of API gateway, AWS Fargate, Cognito, and WAF rules using CloudFormation in a Blue-Green deployment model.• Developed lightweight middle-ware APIs using Node, Express, and AWS Lambda to fetch various financial data from IHS Markit• Created a Reconciliation application that compares data between 2 sources and sends the discrepancy as a Notification (SNS)• Played a key role in Launching USCDI in Fidelity's trading platform, enabling UK users to buy assets from US Share Market.• US CDI resulted in trading more than £550K in one month.		
Software Engineer	Tata Consultancy Service	06/2018 - 03/2021
Hospital Beacon Tracker, General Electric		
<ul style="list-style-type: none">• Implemented an IOT-based tracking system to track all the hospital equipments increased the productivity of Hospitals by 30 percent• Lead a team of 3 people to deliver java Micro-services for the tracking application.• Migrated On-premise Servers, Databases of more than 5 web applications to AWS Cloud• Saleslogix CRM: Worked on a legacy CRM Product having more than 200 engagements per day		

- Successfully delivered different modules (Tickets, Engagements, Order Processing) of the Saleslogix CRM
- Migrated all the Application Servers from Windows Server 2003 to Windows Server 2019.

Education

Bhubaneswar, IN **Odisha University of Technology and Research (Aug 2014-May 2018)**

- B.Tech in Electrical Engineering

Bhubaneswar, IN **Council of Higher Secondary Education** **(May 2012- June 2014)**

- Secondary Education (Physics, Chemistry, Math)