

Bangalore,
India

Biswambar Pradhan

+91 9668089243
developer.biswambar@gmail.com
linkedin.com/in/biswambarp

Languages and Technologies

- Programming Languages and Frameworks:** Java, Spring, Python, Nodejs
- Cloud Services (AWS):** EC2, ECS Fargate, NLB, S3, Lambda, Glue, Athena, Step Function, Aurora Postgres
- Infrastructure and Deployment:** CloudFormation, Terraform, Git, Maven, Bamboo, Spinnaker
- 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 a Financial Transaction Tax application that optimized tax calculations across multiple EU markets (Italy, France, Spain), improving accuracy and compliance.Developed scalable CRUD REST APIs for trades and exchange rates, leveraging Java, Spring Boot, and AWS ECS Fargate.Developed a robust currency conversion algorithm utilizing ECB end-of-day exchange rates, ensuring precise conversions across all trades using Python.Migrated AWS Lambda functions to ECS Tasks through AWS Step Functions for failure-retry mechanisms and SNS-based alerting.Built APIs and a user interface replicating AWS S3 Console functionalities, 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.Integrated Spinnaker for automated deployment pipelines, reducing deployment time.Migrated AWS Lambda functions to ECS Tasks, enhancing reliability through AWS Step Functions for failure-retry mechanisms and SNS-based alerting.		
Software Engineer	Ernest and Young	08/2021-02/2023
US CDI Team, Fidelity International		
<ul style="list-style-type: none">Built Eligibility Service API in Java and Spring Boot to validate trades within the US CDI platform, ensuring compliance and accuracy.Developed the Estimation and FX Charge API in Java/Spring Boot, supporting over 2.7 million Fidelity users in US stock purchases.Created AWS Infrastructure of API gateway and AWS Fargate using CloudFormation in a Blue-Green deployment model.Created APIs with Node.js, Express, and AWS Lambda to retrieve key financial data from IHS Markit.Created a Reconciliation application that compares data between 2 sources and sends the discrepancy as a Notification (SNS)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 monitor hospital equipment, resulting in a 30 percent productivity increase.Migrated over 5 web applications, including servers and databases, from on-premises to AWS Cloud, reducing maintenance costs and enhancing scalability.Maintained Saleslogix CRM, a legacy product with 200+ daily user engagements, ensuring stability and user satisfaction.Delivered modules like Tickets, Engagements, and Order Processing within Saleslogix CRM, improving user experience and system functionality.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)**

- Bachelor of Technology (B.Tech), Electrical Engineering

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

- Secondary Education (Physics, Chemistry, Math)