


Ayodhya Mukund

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Summary

Software Engineer at NatWest Group. Skilled in Frontend ReactJS, AWS Serverless backend, Python/PySpark, Data Transformations, DBMS, Java Microservices, IAM platforms. Strong engineering professional with a Bachelor of Technology - BTech focused in Electrical and Electronics Engineering(Major) & Computer Science (Minor) from National Institute of Technology, Tiruchirappalli.

Experience



Software Engineer

NatWest Group

Jan 2021 - Present (1 year 8 months +)

Currently working on Full-stack application development using ReactJS SPA Frontend, AWS Serverless backend (AWS Lambda functions, AWS Cloudformation, Amazon Connect), Zoom Meeting integration through App and WebSDK. Working with Agile methodologies with continuous modular development, delivery, testing, feedback cycles throughout the sprints.

Working with CI-CD through BitBucket and AWS CodePipeline. Worked on Terraform Enterprise for deployment of several AWS Controls for Risk Compliance checks on all AWS services utilized.



Software Engineer

NatWest Group

Jun 2020 - Jan 2021 (8 months)

Worked on SAS to AWS migration project. Experienced in Python/PySpark & SQL data transformations, ETL pipelines, Unix & Shell scripting, Airflow, AWS based services like EMR Jupyter Notebooks, Athena, S3.



Graduate Software Engineer

NatWest Group

Jul 2019 - Jun 2020 (1 year)

Developed Java spring boot microservices, Java plugins and Groovy scripts for the Ping platform Single Page application (SPA) authentication. Worked on Ping Access & Ping Federate deployment automation using Shell scripting.



Development Intern

NatWest Group

Jun 2018 - Jul 2018 (2 months)

Worked with tools & technologies like SQL Server, Informatica and Microsoft Dynamics CRM. Implemented a custom visual in Microsoft Power BI to display the geo map-flow of Relationship Manager meetings.

Education



National Institute of Technology, Tiruchirappalli

Bachelor of Technology - BTech, Electrical and Electronics Engineering (Major) & Computer Science (Minor)

2015 - 2019



Maharishi Vidya Mandir Senior Secondary School

High School Diploma, Mathematics and Computer Science

2013 - 2015

CBSE Class XI-XII

Licenses & Certifications



Full-Stack Developer Nanodegree - Udacity

ZRGHHZDR

Skills

Software Development • React.js • JavaScript • Amazon Web Services (AWS) • AWS Lambda • AWS CloudFormation • AWS CodePipeline • Python (Programming Language) • Database Management System (DBMS) • Java

Honors & Awards



Challenge 2020 Runner-up - NatWest Group

Dec 2020

Worked as a team on Challenge 2020 to deliver an innovative solution to support our customers in a post COVID-19 world. Over 250 participants and 36 teams participated in the event. Our team won the 3rd prize in Challenge 2020. Our pitch @ Workplace : <https://rbs.workplace.com/groups/286618639086593/permalink/384725875942535/>



Open Banking API Hackathon Winner - NatWest Group

Jul 2020

Worked as a team on Open Banking API hackathon 2020 to build a smart app with an end to end solution which would utilize the open banking APIs and be a scalable solution for the bank. Over 200 participants and 40 teams participated in the hackathon. And our team won the first prize in this hackathon. Github : <https://github.com/YDB-stack/>