**Soumya Ranjan Das**

**E-mail:** [**soumyazyx@gmail.com**](mailto:soumyazyx@gmail.com)

**Mobile: 9553884727**

**Career Summary**

• 12 years of IT experience in Python programming, database management, web development, API development, and DevOps/SRE pipelines for the banking industry.

• Skilled in object-oriented and functional programming using Python, data analysis using pandas and SQL, and writing and tuning complex subqueries, SQL, stored procedures, functions, and triggers.

• Familiar with CSS, HTML, Bootstrap, Material UI, JavaScript, React and Django for web and API development.

• Knowledgeable in financial crimes (AML, KYC, Compliance) and Private Banking.

• Adaptable and well-versed in various tools and containers for DevOps/SRE pipelines.

**Technical Skills**

* Programming: Python, Shell, Perl, PowerShell, JavaScript.
* Framework: Django, FastAPI
* Web Technologies: REACT, HTML5, CSS3, JS, jQuery, Bootstrap, AJAX, Webhooks, REST services.
* Databases: Oracle DB, Microsoft SQL Server
* OS: Windows, UNIX
* DevOps: GitHub, Bitbucket, JIRA, Control-M

**PROFESSIONAL EXPERIENCE**

**COMPANY: WorkFusion**

## Mar 2022 – Present / PROJECT: AutoML

**AutoML** is a proprietary WorkFusion technology for Intelligent Automation. AutoML applies human-in-the-loop approach and AutoML framework to automatically find the best machine learning (ML) algorithm and method of automation for your use case.

**ROLES: Application Developer**

As Application Developer:

* Developed python modules which act as bridge between java SDK(customer facing) and the python models on the backend.
* Developing various normalizers/post processors for OCR generated documents.
* Developed python modules which data analysts can use in their jupyter notebooks.
* Automated tasks creation using python for validation, reports, monitoring.
* Analysed of huge files and perform benchmark validations before running reports.
* Responsible for requirement gathering, code reviews and repositories upkeep.
* Responsible for jenkins CI/CD upkeep.
* Developed python modules to interact with S3 buckets to store files and configure S3 bucket with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.

**COMPANY: JP Morgan Chase**

## Mar 2018 – Mar 2022 / PROJECT: Bridger

Bridger is an application that does customer screening process. This application helps to identify financial crimes and risk related scams.

**ROLES: Application Developer / Application Owner / Associate Vice President:**

As Application Owner:

* Responsible for 3 applications – includes ownership of pipelines, all hardware involved and codebase.
* Responsible for upkeep of all hardware/OS – making sure they are latest and patched regularly.
* Co-ordinated with businesses/stake holders for gathering requirements, taking technical strategic decisions.
* Architected solutions by analysing, researching, designing, prototyping, building and reviewing projects.
* Lead software development activities throughout the product or solution development lifecycle
* Managed a team that designs, develops, tests, debugs software programs for databases, applications, tools etc.

As application developer:

* Developed data migration tool using Python, Django DRF and SQLLDR.
* Developed UI application in ReactJS, redux, HTML, CSS to track status.
* Designed a new Database for MIS reporting.

**COMPANY: ORACLE**

## Mar 2014 – Mar 2018 / PROJECT: Fusion Release Engineering

**Fusion Release Engineering team** owns the release pipeline wherein various code bases / databases are built into a final distributable package. It provides a single automated platform where developers can submit their build.

**ROLE: Application Developer**

As an application developer,

* Developed web-based applications from inception using jQuery, HTML, CSS, Oracle Db, Django in Python.
* Developed generic jQuery plug-ins to extend application functionality.
* Developed Rest web services and other middle ware components using Perl.
* Designed Oracle DBs to serve as the back end for the applications.
* Tools developed:
  + Sprint management tool, DB patching tool
  + Multiple interactive dashboards
  + Automation framework

**COMPANY: AMAZON**

## Jun 2013 – Feb 2014 / PROJECT: Kindle Content Quality

**Kindle Content Quality** is a team that deals with all the content those are uploaded to Kindle.

We as a team were responsible for upkeep of the entire pipeline, starting from ingestion of the file till the e-book is available online on amazon website for sale.

**Role: L3 Support / Developer**

* Enhanced & automated various existing functionalities.
* Developed web interfaces for various matrices, alerts, monitors for regular housekeeping.
* Developed integration tool using PLSQL by creating packages, stored procedures, functions, triggers etc.
* Automated various process for faster & robust ingestion process.
  + Automated kindle content quality checks for newly uploaded eBooks
  + Automated ticket resolution mechanism etc.

**COMPANY: TCS**

## Mar-2014-Mar-2018 / PROJECT: MSQE - Operations offshore

This project provides technical assistance to the testing teams of Morgan Stanley. We as a team provides real time solution to all the issues and outages faces by various testing teams operating across the globe in real time.

**Role: L3 Support / Developer**

* Developed multiple tools for effective and easier housekeeping.
* Developed framework to provide better L3 technical support for testing tools.
* Developed time sheet management portal from scratch.
* Working on support tickets and provided resolution as per agreed SLAs.
* Awarded TCS Gems for contribution during critical production issues.

**Education**

* Bachelor in Tech, ITER, BPUT, Bhubaneswar, Odisha
* 12th, College of Basic Science, Bhubaneswar, Odisha
* 10th, Nirmala Convent School, Keonjhar, Odisha

**Achievements**

* Trained newly recruited freshers on Python.
* Part of organizations technical interview panel.
* Awarded as a Star Performer, TCS Gems etc on multiple occasions.
* Active participation and represented organisation’s various activities like recruitment drives etc.

**PERSONAL DETAILS**

Date of Birth : 23rd March 1985

Languages Known : Hindi, English, Odia

Declaration: I hereby declare that the above information is true to the best of my knowledge and belief.

Soumya Ranjan Das