




ANSHUMAN RAY

Python Developer

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Objective: To obtain a career that utilizes my technical and analytical expertise to actively work towards the growth of the organization and offers advancements with a positive experience.

PROFESSIONAL OVERVIEW

- Technically strong, energetic and result driven professional with more than 5 years of experience in **Python and ETL development**.
- Expertise in **RDBMS/Data Warehouse** and **NoSQL** document oriented databases.
- Experience in development of **Batch processing** which calculates the risk exposures for trades.
- Developed the backend data store for analytics data in **Elasticsearch** using Python.
- **Automated** several manual efforts for day to day BAU tasks like server restart, database correction of processed orders, integration lane monitoring, baseline comparison and automatic summarization.
- Sound knowledge of python web frameworks like **Flask** and **Django**.
- Sound knowledge on database development using **Microsoft SQL server 2008**.
- Trained in **Mulesoft** ESB platform with official **certification**.
- Sound knowledge of **OOPS** concepts and **design patterns**.
- Excellent **Analytical** skills with very good querying abilities and representing data in MS Excel **pivots**.
- Industry experience of more than 4 years in **Financial Services** and 1 year in **Media & Entertainment**.
- Worked as an **Offshore Lead** for 2 different projects.
- Worked in large projects with more than 100 commits per day.
- **Data Analyst** monitoring the data quality and prepared the data dictionary showing lineage.
- **Trainer** in Capital Markets and the **Basel** regulatory framework.
- Sending daily status calls to clients and coordinated daily meetings with various stakeholders.
- 1.5 years of experience working in an **Agile** environment.
- Very good knowledge of SDLC tools like **HP ALM** and Atlassian **JIRA**
- Strong in code review, unit and integration testing and excellent in SDLC processes of Waterfall and Agile.
- Strong collaboration and team building skills with proficiency at grasping new technologies and concepts.
- Good knowledge on Banking (Risk management), Financial services, Regulation pertaining to **Basel-III** norms.

PROFESSIONAL EXPERIENCE

Name of the Company	Duration	Designation
Accenture Solutions Pvt. Ltd. Bangalore	24/08/2011 to Present	Application Development Senior Analyst

TECHNICAL EXPERTISE

Area	Technology	Months of Experience
Operating Systems	Linux	60
	AWS Cloud	12
	Windows	60
Languages	C	Trained
	Java	Trained
	Python	40
Database	RDBMS - Microsoft SQL Server	54
	NoSQL - Elasticsearch	12
Source Control	CVS	24
	GIT (Bitbucket)	12
Other Collaboration tools	Atlassian JIRA	36
	Atlassian Code	24
Office Productivity	Microsoft Office	60
Testing tools	HP Quality Center (ALM)	54
	Postman	6

FUNCTIONAL EXPERTISE

Area	Function	Months of Experience
Capital Markets	Credit Risk	48
	Basel Regulation	48
	Trade Data Marts	24
	Legal lending limits	12
	CEM and IMM treatments	48
Banking	Payments - SEPA	2
Media and Entertainment	Social Media Analytics	12

WORK EXPERIENCE

Employer: Accenture Solutions Pvt. Ltd.

Projects Handled:

Project Title	Client	Role	Duration
Data Modernization	Warner Bros.	Digital Developer(Python)	May-16 to Present
Sparck	Bank Of America	IMM Batch Developer	Mar-14 to Apr-16
Risk Data Services	Bank Of America	Basel CEM DW-BI Analyst	Jan-12 to Feb-14
		LLL DW-BI Analyst	
		FROST and Margin DW-BI Analyst	

DIGITAL DEVELOPER (PYTHON)
CLIENT - WARNER BROS. ENTERTAINMENT

MAY'16 TO CURRENT
ACCENTURE

- Part of Data Modernization team of WB's Content Management & Distribution Technology.
- Goals were to build three different UI showing WB titles real time data visualization of YouTube trailer views, Fandango ticket sales and P2P torrent downloads in a heat map kind of effect.
- In a cyclic workflow the top 5 titles at any given time for each UI would be displayed in real time and also a time lapse effect for historic data when requested.
- Worked closely with UI team to support backend data activities which involved scanning files and DB for WB specific content and enriching this data before ingesting into Elasticsearch.
- Created RESTful API for the UI to fetch data.
- Written complex python scripts to divide views into hours and seconds per state based on US census data.
- Restructuring and optimizing code.
- Done code merger activities for WB UK operations.
- Defect fixing, Unit, Smoke and Sanity testing.

GDCE - APPLICATION DEVELOPMENT (PYTHON)
CLIENT - BANK OF AMERICA

MAR'14 TO APR'16
ACCENTURE

- Part of Sparck team which was the core engine in BOA to run IMM calculations on Rates, FX, Options and CDS trades and generate their exposure profiles.
- Quartz is a Python-based strategic platform for Bank of America/Merrill Lynch with real-time risk assessment capabilities across asset classes.
- Debugging, Defect fixing, regression batch runs, etc.
- Writing python scripts to compare and validate the batch output dataset with baseline run and send results in auto generated emails to various stakeholders.
- Supporting production runs from offshore on a weekly rotation basis.
- Responsible for thorough understanding of the end to end system flow and working with Clients in requirement gathering and analysis.
- Comparing and summarizing data and presenting it to Clients and various other stakeholders showing them the potential impact of a certain change.
- Managing and maintaining the sanity of the integration lane by monitoring these lanes on a daily basis plus tracking the branched versions of the code to prevent it from being lost due to a higher up version.

GDCE - DW-BI ANALYST (CAPITAL MARKETS)
CLIENT - BANK OF AMERICA

JAN'12 TO FEB'14
ACCENTURE

- Part of RDS (Risk Data Services) team which was a system in between middle and back office acting as the single golden data hub for all back office operations such as credit, market and operational risk calculations.
- Worked and reviewed along with Business Analysts and Functional Team members to translate Business requirements into technical specifications.
- Creating and modifying stored procs for various batches in Microsoft SQL Server 2008
- Developing the Basel batch which implements business logic specific to CEM/IMM processing from upstream tables and source systems.
- Impact Analysis on data by querying it from various tables, aggregating this data and creating Excel pivots to show the impact vs. baseline run.
- Responsible for initial training, monitoring, reviewing the work and guiding new resources in team.
- Daily status reporting to Clients.

PROFESSIONAL TRAINING

Accenture Solutions Pvt. Ltd. has provided trainings for the following:-

- Software Development Principles
- Data Warehouse and Business Intelligence
- Mulesoft ESB (**Certified** Mulesoft API Associate)
- Banking and Financial Services
- Agile SDLC

EDUCATIONAL QUALIFICATIONS

Degree	Board	Name of the Institution/School	Year of Passing
Class X	ICSE	ISPAT E.M. SCHOOL, ROURKELA	2003
Class XII	ICSE	ISPAT E.M. SCHOOL, ROURKELA	2005
B.Tech.	Kalinga University(KIIT)	SCHOOL OF ELECTRICAL ENGINEERING, BHUBANESWAR	2011

Extra-Curricular Activities

- Member of event organization team created for 150 employees.
- Actively participated in drama and quiz events which will be held yearly in the project.
- Mini-Marathon runner, Trekking.

PERSONAL DETAILS

DOB: 5-Nov-1987

Languages Known: English, Hindi, Odia, Bengali and Marathi

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(All the information furnished by me is true to best of my knowledge and belief)

Anshuman Ray