

RESUME

PRITAM CHATTERJEE

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Career Objective

I like to work in a professional and competent atmosphere with my efforts contributing to the growth of the organization and achieve excellence in the area of work undertaken with honesty, commitment and dedication.

Career Snapshot

Completed M.I.M (Masters in Information Management) from Thakur Institute of Management Studies and Research(TIMSR), Mumbai University.

Completed B.Tech in MECHANICAL ENGINEERING from Asansol Engineer College.

Worked in TATA CONSULTANCY SERVICES (TCS) from 26th Dec, 2013 to 09th Jan, 2018.

Joined INSTITUTE OF BANKING PERSONNEL SELECTION (IBPS) on 15th Jan, 2018 and presently working in this organization as Deputy Manager, Software Development Group.

Completed short time certification course on Python, AI/ML, Programme on Machine Learning for Business for IBPS from Indian Institute on Management, Ahmedabad (IIMA).

SELF ASSESSMENTS

- ▶ Goal oriented professional with over 9 years of experience in IT industry (Banking - Cards Domain and in IBPS) especially in Unix, Python, Shell Scripting, Linux, Django, Javascript, Mysql, Gunicorn, Nginx, HP Exstream Design Manager, Message Point, IBM AIX and Autosys.
- ▶ Team player with strong Analytical & Leadership skills.
- ▶ Experience in developing Batch processing, Monitoring, Deployment, Web based utility and Automation tools using UNIX shell script for different Banking applications.
- ▶ Experience in Managing /Monitoring /Integrating /Code deployment in different regions - (SIT/UAT/LOAD/PRODUCTION).
- ▶ Comprehensive problem solving and decision making abilities.
- ▶ Endowed with excellent relationship management, proactive, innovative, communication and interpersonal skills and team management skills.
- ▶ With presenting and cope up with the workload.

EXPERIENCE

(Refer annexure for details of projects handled)

Programmer Analyst – LINUX (15th Jan, 2018-present)

INSTITUTE OF BANKING PERSONNEL SELECTION (IBPS), MUMBAI

- ▶ LINUX Migration : Exam data processing using Pthyon, Shell scripting, MySql
- ▶ Web based utility using Django, MySql, Gunicorn, Nginx
- ▶ Short type descriptive paper evaluation through Artificial Intelligence (AI).
- ▶ Long type descriptive paper evaluation through Artificial Intelligence (AI).
- ▶ Experienced and dedicated Data analyst with 3 years of experience in identifying candidate response pattern, copying case evaluation, performance evaluation within data streams. Adept at receiving and monitoring data from multiple data streams including MySql and Excel data sources. Bringing forth the ability to synthesize quantitative information and interact effectively with colleagues and clients. Proven track record of generating summary documents for senior management.
- ▶ Online Scribe Declaration portal
- ▶ Created data modelling standards and procedures.
- ▶ Presented data models to senior management for review.
- ▶ Performed in-depth data validation on data from various sources.
- ▶ Served as primary contact for client services for several projects.
- ▶ Researched and resolved data discrepancies.

Systems Engineer –Developer & Offshore Lead (26th Dec'13 – 9th Jan'18)

Tata Consultancy Services, Kolkata

- ▶ UNIX/LINUX Migration: CITI Cards
- ▶ UNIX/LINUX Migration (Batch and Real Time Processing): CITI CBNA (Jan'15-June'15);HP Exstream Letters Migration : Citi Cards-DCF (July'16 - Feb'17)

- ▶ HP Exstream Engine Integration with Message Point Decision Engine in UNIX/LINUX :Citi Bank North America (Jan'16 - Jun'16)
- ▶ Online banking processing UNIX/LINUX architecture/setup using HP Exstream and Decision Engine: Citi Bank North America (Jan'16 - Jun'16)
- ▶ Health monitoring and Auto Code/Config file deployment tool for Citi Bank Real Time Online Banking setup (Jan'16 onwards): Technology- Shell Scripting

IT Skill set

Python, Django, Unix shell scripting, GIT, Unicorn, NGINX, NLP, IBM AIX 6, HP Exstream, Message point, C++ ,MySQL, Basic SQL, Perl, Requirement analysis, Design/Documentation

Key Skill set

Clustering algorithms, Decision trees, Ensemble methods, Independent, Component Analysis, Logistic Regression, Communication, Critical thinking, Problem solving, Teamwork, Project management

Academic Credentials

Course (Branch)	College/University, Region	Specialization/Major Subjects	C.G.P.A/ Percentage	Year of Completion
MIM (Masters in Information Management)	Thakur Institute of Management Studies and Research (TIMSR), Mumbai University)	Business Intelligence and Analytics , Data warehousing & Data Mining, IT Infrastructure Management, Technology Forecasting ,Software Engineering, Enterprise Applications, Management Information Systems, Production Management, Quantitative Methods in Management	70.63%	July-2021
B.TECH. (Mechanical Engineering)	Asansol Engineering College/WBUT, Asansol	Engineering Mechanics, Fluid Mechanics, Strength Of Materials, Theory Of Machines, Dynamics Of Machine, Manufacturing, Design Of Machine Elements, Thermodynamics, IC Engine, Heat Transfer, Power Plant	C.G.P.A : 8.22	July-2013
Higher Secondary (12th)	WBCHSE/ Santi Nagar VidyaMandir, Santi Nagar, Burnpur, West Bengal	Bengali, English, Physics, Chemistry, Mathematics, Biology	70.6%	May-2008
Madhyamik (10th)	WBBSE/ Subhash palliBidyaNiketan(H.S.), Subhashpalli, Burnpur, West Bengal	Bengali 1st and 2nd paper, English, Mathematics, Science, History, Geography	71.5%	May-2006

Achievements

- ❑ Awarded TCS Gems
 - "On the spot award"
 - "Technical excellence award"
 - "Service and commitment award"
 - "Special Initiative"
- ❑ Won Dr. KARL LANDSTEINER AWARD by B.S.W.C.V.B.D, Won Medals & Certificates in Extra co-curricular activities, Games & Sports and in Academics at School, College and Zonal level.
- ❑ Completed 7th Year in FINE ARTS from BONGIO SANGEET PARISHAD.

- **Personal Dossier**

Date of Birth	:	04-05-1990
Gender	:	Male
Father's Name	:	Mr. Tapan Chatterjee
Languages known	:	English, Bengali and Hindi
Nationality	:	Indian
Hobbies	:	Drawing, Playing Cricket and Football, Listening to Music
Marital Status	:	Married

Annexure-Project Details:

Interview System Online - IBPS

Organization	INSTITUTE OF BANKING PERSONNEL SELECTION (IBPS)
Duration	1 ST July, 2023 to 1 ST July, 2024
Role	Software Developer/Analyst Programmer – LINUX
Technology Stack	PYTHON, Django, HTML/CSS, JavaScript, MySql, GIT

Project Description:

Developing an application where Indian Public Sector Banks will take the interview of the qualified candidates and will enter scores for further selection.

Developing an application where Banks participating in CRP examinations, will be able to take interview through a web based portal.

This application is developed using python Django, html, css, javascript, MySql, Unicorn and Nginx.

Pritam's major role is analyzing /designing /developing a utility for serving the purposes.

Scribe Declaration Portal/CRP Expenses Portal - IBPS

Organization	INSTITUTE OF BANKING PERSONNEL SELECTION (IBPS)
Duration	12 TH July, 2022 to 10 TH July, 2023
Role	Software Developer/Analyst Programmer – LINUX
Technology Stack	PYTHON, Numpy, Pandas, Matplotlib, GIT

Project Description:

Developing an application where candidate will be able to declare scribe details through a web based portal.

Developing an application where Banks participating in CRP examinations, will be able to declare reimbursement details through a web based portal.

This application is developed using python Django, html, css, javascript, MySql, Unicorn and Nginx.

Pritam's major role is analyzing /designing /developing a utility for serving the purposes.

Smoothing Equipercentile (Normalization) for multiple session exams- IBPS

Organization	INSTITUTE OF BANKING PERSONNEL SELECTION (IBPS)
Duration	15 TH December, 2021 to 10 TH March, 2022
Role	Software Developer/Analyst Programmer - LINUX
Technology Stack	PYTHON, Numpy, Pandas, Matplotlib, GIT

Project Description:

Developing an application which is able to calculate equipercentile / normalized marks using smoothing principle for multiple session examinations.

This application is developed using python scripting and python based libraries like numpy, pandas, matplotlib.

Pritam's major role is analyzing /designing /developing a utility for calculating equipercentile / normalized marks using smoothing principle and coordinating with team in implementing new utility for IBPS-EDP department.

Long type Descriptive paper evaluation through AI&ML - IBPS

Organization	INSTITUTE OF BANKING PERSONNEL SELECTION (IBPS)
Duration	27 TH March, 2021 onwards
Role	Software Developer/Analyst Programmer - LINUX
Technology Stack	PYTHON(NLTK), Shell Scripting, Mysql, Django, GIT

Project Description:

Developing an application which is able to process all the descriptive papers e.g. Essay/Letter/Precis/Comprehension, of the candidates appeared in examination and generating final result based on requirement.

Developing a web application using Django, which is able to evaluate descriptive papers using AI&ML(NLTK, Sequence matcher, difflib etc.).

Pritam's major role is analyzing /designing /developing a utility for descriptive exam data processing and coordinating with team in implementing new utility for IBPS-EDP department.

Identifying valid pictures and signature of candidates using OpenCV- IBPS

Organization	INSTITUTE OF BANKING PERSONNEL SELECTION (IBPS)
Duration	5 th Sep,2020 to 23 rd May, 2021
Role	Software Developer/Analyst Programmer – LINUX
Technology Stack	PYTHON(NLTK), Shell Scripting, Mysql, Django, GIT

Project Description:

Developing an application which is able to identify all the candidates' passport size pictures and signatures, uploaded in examination form and generating final report based on data.

Developing a web application using Django, which is able to identify all the candidates' passport size pictures and signatures, uploaded in examination and generating final report using OpenCV.

Pritam's major role is analyzing /designing /developing a utility for identifying all the candidates' passport size pictures and signatures, uploaded in examination and generating final report and coordinating with team in implementing new utility for IBPS-EDP department.

Identifying candidates involved in unfair means - IBPS

Organization	INSTITUTE OF BANKING PERSONNEL SELECTION (IBPS)
Duration	17 TH Feb,2020 to 24 th Oct, 2020
Role	Software Developer/Analyst Programmer – LINUX
Technology Stack	PYTHON(NLTK), Shell Scripting, Mysql, Django, GIT

Project Description:

Developing an application which is able to identify all the candidates involved in unfair means in examination and generating final report based on data.

Developing a web application using Django, which is able to identify all the candidates involved in unfair means in examination and generating final report using data analytics.

Pritam's major role is analyzing /designing /developing a utility for identifying all the candidates involved in unfair means in examination and generating final report and coordinating with team in implementing new utility for IBPS-EDP department.

Descriptive paper evaluation through AI&ML - IBPS

Organization	INSTITUTE OF BANKING PERSONNEL SELECTION (IBPS)
Duration	13 TH Aug,2019 to 31 st Dec, 2019
Role	Software Developer/Analyst Programmer – LINUX
Technology Stack	PYTHON(NLTK), Shell Scripting, Mysql, Django, GIT

Project Description:

Developing an application which is able to process all the descriptive papers having single/multi word answer, of the candidates appeared in examination and generating final result based on requirement.

Developing a web application using Django, which is able to evaluate descriptive papers using AI&ML (NLTK, Sequence matcher , difflib etc.).

Pritam's major role is analyzing /designing /developing a utility for descriptive exam data processing and coordinating with team in implementing new utility for IBPS-EDP department.

Exam data processing - IBPS

Organization	INSTITUTE OF BANKING PERSONNEL SELECTION (IBPS)
Duration	15 TH Jan'18 onwards
Role	Software Developer/Analyst Programmer - LINUX
Technology Stack	PYTHON, Shell Scripting, Mysql, Django, GIT

Project Description:

Developing an application which is able to process all the responses of the candidates appeared in examination and generating final result based on requirement.

Developing a web application using Django, which is able to show result details of all candidates.

Developing a MIS using Python and Mysql, for all candidates applied in Public sector Banks (PSBs) and other PSUs, and fetching data using web based utility (in Django).

Pritam's major role is analyzing /designing /developing an utility for exam data processing and coordinating with team in implementing new utility for IBPS-EDP department and automate manual processes.

Health monitoring Tool – CITI Cards

Client	CITI Mortgage, North America
Duration	Feb'16 – 9 th Jan, 2018
Role	Software Developer/Offshore Lead
Technology Stack	UNIX (IBM AIX) , Shell Scripting, Python, JMS queue, Message point Engine , Autosys

Project Description: Developing Monitoring tool for 24*7 critical Real time CITI Bank applications/ Developing Auto deployment tool for migrating code to SIT/UAT/Production for Batch/Realtime processing.

Pritam's major role is analyzing /designing /developing and coordinating with offshore team in implementing Health monitoring tool for CITI Real-time applications and Auto code deployment tool for batch/real time applications.

Health monitoring tool will ensure the availability of 24*7 real-time application with send alert, Error handling and completely automated restart of real-time applications in case of any failure.

Auto deployment tool saves a lot of manual effort in deploying/validating the code on a day to day basis.

Online banking processing architecture – CITI Real Estate Lending

Client	CITI CARDS , North America
Duration	Aug '16 – Feb ' 17
Role	Software Developer/Offshore Lead
Technology Stack	UNIX (IBM AIX) , Shell Scripting, Python, JMS queue, Message point Engine, HP Exstream Engine, Java, Autosys , HPE Connectors

Project Description: Creating a new online architecture in different server leveraging decision engine, JMS queue, and HPE connectors for processing CITI CARDS Real Time transactions.

Pritam's major role was performing different POC's, Developing/implementing online processing architecture leveraging HP Exstream Engine/Message Point Engine/TIBCO JMS queue.

HP Exstream Engine UNIX Integration with Message Point Decision – CITI Bank, North America

Client	CITI Bank , North America
Duration	Jun '16 – Dec'17
Role	Software Developer/Offshore Lead
Technology Stack	UNIX (IBM AIX) ,Linux (Red Hat), Shell Scripting, Python, Perl Scripting, JMS queue, Message point Engine, HP Exstream Engine, Java, Autosys , HPE Connectors

Project Description: Integrating Decision engine into existing HP Exstream Batch/Online processing setup to improve the efficiency and cost of banking letter processing in UNIX environment.

Pritam's major role was to perform the necessary integration into the existing UNIX environment by performing different POC's.

HP Exstream Letters Migration: CITI CARDS

Client	CITI CARDS, North America
Duration	July'15 –Jun'16
Role	Software Developer
Technology Stack	UNIX (IBM AIX) , Shell Scripting, Python, IBM Connect Direct, SFTP, Autosys, HP Exstream Dialogue Manager, Message Point, JMS Queue

Project Description: Transforming and Migration of the entire customer communication letter templates from existing JetForm and IPDT compatible platform to HP Exstream and Message Point enabled Platform. Developing UNIX batch processing tool for migration project.

Pritam's major role was designing different customer correspondent banking letters in HP Exstream/Message Point and developing batch processing tool in UNIX.

UNIX Migration (Batch/Real-time) –CITI CBNA

Client	CITI CBNA, North America
Duration	Dec'14 –Jun'15
Role	Software Developer
Technology Stack	UNIX (IBM AIX) , Shell Scripting, SFTP, Autosys, JMS Queue

Project Description: Migrating the current Mainframe based distributed system to Unix IBM AIX system for different CITI CBNA (North America) line of business. Setup of Batch/Real-time processing/Automation environment in UNIX using shell script and Python scripting.

Pritam's major role was analyzing /designing /developing batch automation/processing tool for CITI Bank North America line of business for different applications:-

- ✓ Credit card - Letters

UNIX Migration –CITI CARDS

Client	CITI Bank, North America
Duration	May'14 – Dec'14
Role	Software Developer
Technology Stack	UNIX (IBM AIX) , Shell Scripting, Perl Scripting, SFTP, Autosys

Project Description: Migrating the current Mainframe based distributed system to Unix IBM AIX system for different CITI (North America) line of business. Setup of batch processing/Automation environment in UNIX using shell script/perl script/Python scripting.

Pritam's major role was analyzing /designing /developing batch automation/processing tool for CITI Bank North America line of business for different applications:-

- ✓ CITI Cards Statements
- ✓ CITI Customer Letters
- ✓ PEGA
- ✓ Customer Correspondence
- ✓ Credit Cards

Components of Automation Tool: -

- File Stabilization and validation
- Engine Execution
- Exception/Error handling/Purging mechanism
- Logging mechanism
- Send Alert mechanism
- File Splitting/Sorting mechanism
- Output processing
- Transmitting output files to different servers/node using IBM Connect direct, FTP.

Automated batch metrics collection tool.

- UAT/SIT/Production deployment

Employment generation tool – Initial Learning Program, TCS

Client	TCS
Duration	Dec'13 – Apr'14
Role	Software Trainee
Technology Stack	Unix, C++, MySQL

Project Description:

- To develop tool which is able create employment advertisement based vacancy in a company.
- To develop a system to manage total care of a Fruit Export Company.

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Place: Mumbai

Pritam Chatterjee

