

# Maitrayee Bhaumik

Senior Python Application Developer

+91-8420147167

maitrayeebhaumik93@gmail.com

North Baksara , Palpara,  
Near dolphin club,  
Santragachi, Howrah- 711110

## EXPERIENCE SUMMARY

8 years of experience working in Python Framework Development, Scripting and Script Maintenance. Proficient in development and maintenance of Codes of Web, Desktop, Client-server applications, API and Microservices using Python, Possesses B.Tech degree in Computer Science and Engineering .Impeccable written, verbal, communication skills, and excellent interpersonal skills.



## WORK EXPERIENCE

### IBM India Pvt Ltd

*Current Designation: Senior System Engineer*  
*Duration: July 2021- Present (2years & 1 month)*  
*Current Location: Kolkata*

### Previous Organizations CBNITS

*Duration: Nov 2017- July (3 years & 8 months)*

### Delgence Technologies Pvt Ltd.

*Duration: July 2015- July 2017 (2 years )*



## TECHNICAL SKILLSET

### Tools

Kibana, PGAdmin4, PostMan, Notepad++

### Programming Languages

Python, PHP.

### Frontend and Scripting Languages

JavaScript, jQuery, CSS, HTML.

### IDE

Visual Studio Code, Visual Studio, Eclipse

### Development Framework

Custom Inbuild Framework, Django

### Methodology

Agile, Waterfall

### Project Management Tool

JIRA

### Version Control & CI/CD

Git, Bitbucket, GitLab, Jenkins

### Data Base

PostgreSQL, Elasticsearch, MYSQL



## PERSONAL DOSSEIR

Gender: Female.

Date of Birth: 2<sup>nd</sup> June 1993.

Languages:

*English: Read, Write, Speak*

*Bengali: Read, Write, Speak*

*Hindi: Read. Write. Speak*

## PROFESSIONAL EXPERIENCE



- 8 Years of overall experience in Software Development and Maintenance of web-based applications , Api , Microservices using Python.
- 4+ years of experience in implementing Python with Django.
- 3+ years of experience in using Amazon Web Services (AWS-Python) , configuring Lambda function, Amazon S3 Bucket , Container Services.
- 3 years of experience in CI/CD process using Jenkins
- 8 years of experience in using version control tools GitHub, GitLab and Bitbucket.
- 8 years of experience in developing REST API for middle-tier development
- 5+ years of experience in handling different Databases like PostgreSQL, Elastic search, MySQL.
- Well Versed in Architecture development using Python, Assessment, and setup roadmap for improving the maturity.
- Well experienced in collaborating in different software development processes (Agile and Waterfall) using Project management tools like JIRA Software.
- Well versed in design and development of presentation layer for web applications using technologies like HTML, CSS, JavaScript, JQuery, AJAX and Bootstrap.
- 1 year of experience in using Pytest with selenium for development of frontend accelerators.

## ACADEMIC CREDENTIALS



### B. Tech in Computer Science and Engineering

*Om Dayal Group of Institutions (MAKAUT)). DGPA 8.54, Year-2011-2015*

### 12<sup>th</sup> (Higher Secondary)

*West Bengal Council of Higher Secondary Education, Year -2011 –63.20%.*

### 10<sup>th</sup> (Secondary)

*West Bengal Board of Secondary Education, Year -2009 –78.77%.*

## CERTIFICATIONS



### AWS Certified Cloud Practitioner Certification

*Credential : Q6RGXL61YFVQ1L9Z*

*16<sup>th</sup> Dec 2022 – 16<sup>th</sup> Dec 2025*

## PROFESSIONAL ACHIEVEMENTS



### Impactful Innovation

*IBM India Pvt Ltd (Year- 2022)*

### Star of the month award

*IBM India Pvt Ltd. (Year- 2021,2022,2023)*

## RECENT PROJECTS

---



### US BASED MAJOR HEALTH INSURANCE CLIENT (APPLICATION DEVELOPER)

*Role: Application Developer, Client –US, New Jersey, Methodology – Agile.*

*Description: A US based health insurance company that offers affordable new Jersey healthcare and health insurance for individuals, families, and employees.*

- Preparing python scripts.
- Improvement on different flow process.
- Used Pandas to create automatic reports.
- Automated the resolution Framework using python.
- Implemented selenium scripts to manage rules.
- Created process DFD diagram.
- Used bitbucket to coordinate team development.
- Attended daily standup and scrum calls.

**TOOLS & TECHNOLOGY:** Kibana, Postman, PGAdmin4, Python3.8, panda, NumPy, boto3, s3, container, AWS lambda

### CNCT JOB PORTAL (SENIOR PYTHON DEVELOPER)

*Role: Senior Python Developer, Client –US, Alabama, Methodology – Agile.*

*Description: An intermediary with a DEDICATED PROPRIETARY PLATFORM connecting engineering companies with excess work for their capacity to the subcontractors who can undertake it.*

- Designed the product architecture in Django.
- Involving building database models.
- Set up AWS Serverless-python configuration.
- Performed web scrapping and beautiful soup.
- Used GIT to coordinate team development.
- Designed process DFD diagram.

**TOOLS & TECHNOLOGY:** Kibana, Postman, PGAdmin4, Python3.8, beautiful Soup, AWS lambda

### CONNCEBUD (VERSION 1, 2) (SENIOR PYTHON DEVELOPER)

*Role: Senior Python Developer, Client –Inhouse (CBNITS), Methodology – Agile.*

*Description: ConnectBud, uses the collective knowledge of veteran educators, professors and students to offer valuable admission information in global universities and colleges. It is a personalized guidance platform where a network of experienced counselors help aspirants (students or an employed graduate) in college admissions, study abroad and career selection.*

- Designing the Product architecture in Django, an Open-Source Python Web development framework
- Involved in building database model, APIs and views utilizing Python, to build an interactive web based solution.
- Set up AWS Serverless-python configuration for Api's.
- Developed and managed JSON based REST APIs using Django and third-party API integration.(Facebook, Google, Mailchimp).
- Performed Web scrapping using Beautiful Soup.
- Using Subversion version control tool (GIT, GitLab) to coordinate team-development.
- Attended weekly Scrum calls with client and keep them updated adhering the organization. Policies and standards

**TOOLS & TECHNOLOGY:** Python 3.6, Django Framework, AWS, JSON, MySQL, Elasticsearch, Mail Chimp, GIT, Ubuntu 18.04