

# Naba Jyoti Borah

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## Summary

Experienced backend developer with 4 years of expertise in Python frameworks such as Flask, Django, and FastAPI. Proven track record in optimizing database performance, leading to a 25% increase in query speed, and enhancing team productivity by 15%. Successfully collaborated with DevOps teams to streamline deployment processes using Docker, resulting in a 10% increase in project delivery speed. Adept at designing scalable architectures and developing Python microservices for seamless backend integration.

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## Skills

Python, Django, FastAPI, Flask, Docker, Amazon Web Services (SQS, S3, EC2, SNS, Lambda), Azure, CI/CD, Github Object-Relational Mapping (ORM), Node.js, PostgreSQL, Data Engineering, Snowflake, Laravel, JavaScript

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## Work Experience

### **Blenheim Chalcot IT services India Private Ltd-India**

**Mumbai**

#### ***Associate Software Engineer***

Jul 2022 - Present

- Led the development and maintenance of the backend for a UK-based Flask application at Barlow Marshall, integrating secure external APIs like Modulr Bank and Yapily, resulting in a more secure and efficient system
- Optimized the MySQL database to improve query speed and data consistency by 25%.
- Designed and implemented a project using the FastAPI framework at Growth Mindset, resulting in a 40% increase in API response time.
- Managed the backend architecture focusing on maintainability and flexibility, collaborating with DevOps to streamline deployment using Docker.
- Specialized in API integration and database optimization, leading to a 15% improvement in team productivity and a 10% increase in project delivery speed at Growth Mindset.
- Developed a Python backend microservice using Django Rest Framework to interface with the Laravel backend, facilitating API interaction and integration for invoice management through Merge API, improving accounting processes
- Leveraged AWS Lambda functions and Power Automate Flow to automate daily reports for customers, increasing report accuracy by 15% and reducing manual effort by 40% at KLo0.
- Utilized AWS Lambda and EC2 with Boto3 to automate tasks for scraping scripts, reducing manual effort and streamlining data collection for projects like Barlow Marshall and Mindset.
- Worked with prompt engineering to parse and analyze pdf, word, excel and jpg docs for user verification and complain logging

**Skills:** FastAPI, DRF, Flask, Docker, AWS (Lambda, EC2, SNS, Cognito), Azure (Functions, Document Intelligence, Application Insights), Selenium, Power Automate, Boto3, Zendesk

**Projects:** Barlow Marshall, Growth Mindset, Kloo, Complaints Logging, SongPitch

### **TechVariable-India**

**Guwahati**

#### ***Programmer Analyst***

Jul 2021 - Jun 2022

- Developed backend solutions in microservice architecture using Python, enhancing system robustness and scalability
- Designed and deployed microservices leveraging Kafka for efficient data streaming, which improved data processing speed and reliability.
- Managed and optimized databases using Postgres and MongoDB, ensuring high availability and data integrity.
- Converted Excel formulas into executable formats, streamlining score creation processes
- Built and optimized ETL pipelines using PySpark and AWS Glue, enhancing data transformation efficiency and accuracy.
- Integrated AWS Kinesis to enhance data flow and reduce latency in data processing. Skills: Projects: LinkedIn Profile Analyzer, ETL for patients Data

**Skills :** Django DRF, Docker , Postgresql , Kafka

**Projects:** LinkedIn Profile Analyzer, ETL for patients Data

***Python Developer***

Oct 2020 - Jun 2021

- Developed a web application using Django and DRF for the organization to handle all of its operations.
- Integrated secure payment gateways using Instamojo API, facilitating seamless online transactions and enhancing user experience.
- Incorporated calendar APIs to manage and organize events, improving scheduling efficiency and user engagement.
- Developed and maintained a full stack Nurse service provider web application, utilizing Python, Laravel, and AWS to ensure reliable and scalable performance
- Developed a robust attendance module to automate daily attendance tracking, improving accuracy and reducing manual effort.
- Developed registration modules for nurses and patients, and integrated online payment systems, improving registration efficiency and payment processing.

**Skills:** Django , Jinja2, GCP, Mysql**Projects:** Sewa Web APP, Nursing web app ( Giyanmoi )

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**Education****Kaziranga University****Jorhat, India***Master of Science - MS in Information Technology*

Jul 2016 - Jun 2021

Gold medalist for the academic year

**Army Public School Jorhat****Jorhat, India***Computer Science*

Jan 2014 - Jan 2016

**Certificates:**

- Building Systems with the ChatGPT API
- ChatGPT Prompt Engineering for Developers
- Advanced Python
- AWS Academy Graduate - AWS Academy Cloud Foundations