Pratik Bhor

United Kingdom 🏠

(+44) 7768390279 📞

Pratikbhor95@gmail.com ✉

www.linkedin.com/in/pratik-bhor 🔗

Proficient Software Developer with 3+ years of experience designing and implementing scalable solutions using **Python**, **Django/FastAPI**, **REST APIs**, and **MySQL**. Demonstrates expertise in cloud technologies, including **AWS** and **Docker**, with a strong focus on micro services architecture and **CI/CD** pipeline automation. Currently expanding expertise in cutting-edge backend technologies and architectures, including MACH-based platforms, to drive innovation and scalability. Eager to leverage skills in a backend engineering role to contribute to impactful, high-performance systems.

Skills

Python • Django • FastAPI • SQL • REST API • GIT • JavaScript • HTML • TailwindCSS • NextJS • Docker • AWS • Jenkins • Nginx • Kubernetes • Generative AI • Power BI • Microsoft Excel • Data analytics

Experience

JAN 2023 – PRESENT

Full-Stack Web Developer/Freelance, Shirebrook, UK
- Delivered custom web solutions for startups and small businesses, including e-commerce sites, dashboards, and mobile-responsive interfaces using React, Tailwind CSS, and Django/FastAPI.
- Built robust, scalable APIs to support dynamic frontend features and efficient data processing, enhancing system performance and maintainability.

MAY 2024 – PRESENT

ICQA Associate/Frasers Group, Shirebrook, UK
- Conduct thorough investigations to identify and resolve stock discrepancies, utilizing **critical thinking**, **root cause analysis**, and **problem solving**.
- Designed and maintained **Power BI** dashboards, leveraging **DAX** and **Power Query** to create insightful reports, calculated metrics, and **KPIs** tailored to business needs.
- Automated data processing tasks using **VBA** and advanced Excel features like PivotTables, enhancing efficiency and consistency in reporting.
- Analyzed SQL data to identify trends, improve data accuracy, and develop scalable solutions for inventory optimization.

JULY 2021 – AUGUST 2022

Senior Software Developer/ServiceNet Technologies, Nagpur, India

- Collaborated with clients to design and deliver impactful software solutions using **React** and **Python**, aligning technical goals with business needs.
- Built a product scheme management web application with **Python**/**Django**, React, and MySQL to streamline dealer order workflows; integrated CCTV footage into a monitoring platform using Django, AWS Media Services, S3, and Boto3 for efficient cloud-based storage and playback.
- Designed and maintained modular, scalable microservices architecture using Django REST Framework (**DRF**), improving backend efficiency and system reliability.
- Applied full-stack development skills across the entire **SDLC** within an **Agile** Scrum framework, contributing to iterative feature delivery and continuous improvement.
- Employed Linux for scripting, server configuration, and deployment in both development and production environments, ensuring stable and secure operations.

JAN 2020 – JUNE 2021

Data Analyst /Enexion Energy, Pune, India

- Automated MSCONS/UDP meter data file analysis and developed a data manipulation tool using Python, SQL, **Pandas**, and **Matplotlib**.
- Developed impactful Power BI dashboards integrated with SQL Server to visualize predictive analysis of energy consumption for clients, focusing on future trends in electricity and gas.
- Expertly communicated complex insights by tailoring presentations to diverse audiences and collaborating with stakeholders to deliver customized data solutions.

NOV 2018 – FEB 2019

Intern /FUEL, Pune, India

- Applied Python scripting for exploratory data analysis involving data from over 1 million students in Maharashtra state.

Education

DEC 2023

Master's in Computer Science/Nottingham Trent University, Nottingham, United Kingdom
MAY 2019

Bachelor of Computer Engineering/Savitribai Phule Pune University, Pune, India

---

Projects

JUNE 2023

Stocks Application to Demonstrate REST API/NTU, UK

Built a stock trading web app using Django REST Framework (MVS), Docker, and AWS EC2, with real-time pricing, currency conversion, and share transactions. Frontend (HTML/CSS/jQuery) is hosted on GitHub Pages.

MAY 2023

Application of AI in solving real-world problems /NTU, UK

Developed and evaluated machine learning models (Random Forest, MLP, CNN) to predict obesity levels with up to 92% accuracy, leveraging data preprocessing and feature engineering techniques. Applied clustering algorithms to analyze obesity patterns and addressed ethical considerations in AI model deployment to ensure fairness and data privacy.

APRIL 2023

Autonomous Car Steering Direction Prediction using Deep Learning Techniques /NTU, UK

The study successfully used neural networks to understand visual input data and forecast steering angles through the application of a convolutional neural network architecture. Using a comprehensive training approach that included data preparation, hyper parameter tuning, and rigorous validation techniques, the model's performance was rigorously assessed.

JAN 2023

File Management Software/NTU, UK

Developed an application for file management using **Java** and **JavaFX**. Utilized Docker for distributed data storage, ensuring availability and security through encryption.

Certifications

Data Science • Python