

Kathan Sheth

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Objectives

A driven and technically proficient graduate of computer science with practical expertise in backend engineering, machine learning, and full-stack web development. Shown proficiency with contemporary technologies such as Python, React.js, Django, RESTful APIs, and cloud deployment tools to create scalable apps. Eager to contribute to significant engineering teams and advance as a backend developer.

LANGUAGES

English (Fluent)

Hindi (Fluent)

Gujarati (Native)

Technical Skills

Language & Frameworks: Python, JavaScript, [React.js](#), [Node.js](#), Django, HTML/CSS

Backend & APIs: RESTful APIs, MongoDB, Firebase, Redux, Stripe integration

Data & ML Tools: Pandas, Scikit-learn, Matplotlib, Plotly, TensorFlow

DevOps & Deployment: Docker, Heroku, Vercel, Git, CI/CD Basics

Practices: Agile Methodology, Unit Testing, Prototyping, Version Control(Git)

Employment History

Relo IT LTD
London, United Kingdom
January 2023 - January 2025

Created and maintained scalable online apps with HTML/CSS, JavaScript, [React.js](#), and Python that produced user interfaces that were accessible and responsive.

Utilising Firebase and MongoDB for database administration and real-time data syncing, I developed and consumed RESTful APIs to facilitate frontend-backend connectivity.

Scikit-learn, Pandas, and TensorFlow were used to engineer backend logic and machine learning operations, including models for classification and predictive analytics.

Using Matplotlib and Plotly, I produced informative data visualisations and dashboards to show non-technical stakeholders business-critical information.

CI/CD pipelines were put in place using Github Actions and Heroku to guarantee dependable production delivery, and Docker was used for containerised development and deployments.

Participated in frequent code reviews and stand-ups, managed tasks using Trello/Jira, and worked together on sprints to practise Agile technique.

Using industry best practices, i created and maintained unit tests to enhance test coverage and guarantee code quality.

EDUCATION

B&B Polytechnic, Gujarat — *Diploma in Information Technology*

2015 - 2018

University Of Bedfordshire, Location — *Degree*

2019 - 2022

PROJECTS

Machine Learning Model For Housing Price Prediction — *Detail*

Python, Pandas, Scikit-learn, Matplotlib

Developed a regression-based ML model with 90% accuracy to forecast property prices.

Applied data preprocessing, feature engineering, and visualization for model optimization

Personal Portfolio Website— *Detail*

Django, HTM/CSS, JavaScript

Built a responsive portfolio site with email contact integration, theme-switching functionality, and user state persistence.

Deployed on Pythonanywhere with fully working backend and custom design features.