

Nikunj Bhavsar

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PROFILE

I am a MSc Data Science student at the University of Bristol. I possess a solid foundation in Python, Java, AWS, and Machine Learning with a keen interest in applying data science and machine learning to real-world challenges. Seeking opportunities to apply my technical skills in data-driven roles that contribute to innovation and informed decision-making.

PROJECTS

Indian Sign Language Translator

- Achieved 96.4% validation accuracy by fine-tuning a ResNet50 model on a curated dataset of ~51,000 ISL alphabet images.
- Engineered a real-time prediction pipeline using OpenCV to process webcam feeds and display translated text instantly.

Parcel Management Software

- Implemented a Java backend using MVC architecture that can manage over 1,000 transactions and a Log.
- Built a responsive Swing-based GUI with dynamically updating panels to reflect real-time system state changes.

Voyager Mobile App

- Created a cross-platform travel planner app using React Native and real time data from Google Places API.
- Designed an intuitive itinerary interface, improving user engagement time by 40% during testing.

EXPERIENCE

Web Developer Intern, The place To Be Gallery, Jan 2024 - May 2024

- Executed SEO strategies across WordPress sites, enhancing organic traffic and visibility by 15%.
- Developed responsive website designs, improving user experience across various devices and platforms.
- Executed regular backups and updates of site, minimizing downtime and preventing data loss.

CERTIFICATIONS

AWS Academy Graduate - Cloud Foundations - Training Badge (October 2025).

IBM - Data Analysis with Python (October 2025).

SKILLS

Languages: Python, Java, C, HTML, CSS, JavaScript, R.

MISC: NodeJS, Git, AWS, WordPress, MySQL, PostgreSQL, React, Spring, Power BI, Tableau.

Abilities: Data Wrangling & Transformation, Data Analysis & Visualization, Pipeline Creation, Automation & Scripting, API Data Extraction, Object-Oriented Programming.

EDUCATION

University of Bristol, Bristol, UK 2026 Currently

Studying.

Courses: Statistical Computing, Large Scale Data Engineering, Technology Innovation Business and Society (TIBS), Visual Analytics, Introduction to AI and Text Analysis, Data Science Methods and Practices.

University of Hertfordshire, Hatfield, UK 2025

Award: First Class Hons. | GPA: 3.88

Courses: Software Architecture, Mobile Computing, Machine Learning and Neural Computing, Principles and Practices of Large-Scale Programming, Artificial Intelligence, Data Modelling for Databases, Algorithms and Data Structures.