

BIKRAM CHAND

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West Haven, CT

PROFESSIONAL SUMMARY

Detail-oriented data professional with expertise in data science, engineering, and analysis. Skilled in designing scalable data systems, developing ETL pipelines, and conducting statistical analyses. Proficient in Python, SQL, and cloud technologies, with experience in data visualization, predictive modeling, and workflow optimization to drive actionable insights and deliver impactful results.

CORE COMPETENCIES:

Data Analysis:	▪ Python ▪ R Studio ▪ Excel ▪ Power BI
Cloud Computing:	▪ Amazon Web Services (AWS EC2, S3, EMR)
Big Data Technologies:	▪ Pyspark ▪ Databricks
Version Control:	▪ GitHub
Database:	▪ SQL
Data Manipulation	▪ Pandas ▪ Numpy
Workflow Automation	▪ Apache Airflow
Web Development	▪ HTML ▪ CSS ▪ JavaScript ▪ React

PROFESSIONAL EXPERIENCE

Graduate Data Science Peer Tutor <i>University of New Haven</i>	Aug 2024 – Present <i>West Haven, CT</i>
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- Provide learning assistance to graduate students in core data science concepts across various courses and technologies
- Conduct one-on-one and group tutoring sessions, providing personalized help, feedback on coursework, and test preparation support.
- Host workshops for both beginner and advanced levels of Python.

Web Developer <i>ThemeGrill</i>	Dec 2021–Nov 2022 <i>Kathmandu, Nepal</i>
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- Acquired proficiency in HTML, CSS, JavaScript and React.
- Developed expertise in WordPress development, focusing on Block Theme and WooCommerce Theme.
- Developed responsive themes that adapt seamlessly to various screen sizes and devices
- Acquired proficiency in integrating and configuring WordPress plugins.

EDUCATION

University of New Haven ▪ West Haven, CT <i>Master of Science in Data Science</i>	Aug 2023 (expected May 2025) Dean's Scholarship, CGPA: 3.80
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The British College ▪ Kathmandu, Nepal <i>BSc. Computing</i>	Jan 2018 – Sep 2021 First Class Honors
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PROJECTS

Global Happiness Analysis

Data Science | Linear Regression | [Github](#)

- Analyzed the correlation between global happiness scores and socioeconomic factors like GDP, life expectancy, social support, and corruption using a Kaggle dataset.
- Built a Linear Regression model to predict happiness scores, evaluating its accuracy and performance.
- Github

Library Management System Database

SQL | Data Analysis | Database Design | [Github](#)

- Designed a relational database for a library management system with entities like books, authors, members, and transactions.
- Implemented SQL queries for data analysis, including borrow counts, member activity, and availability.

Olympic Medals & Performance Insights

Excel | Data Analysis | Dashboard Design | [Github](#)

- Analyzed Olympic data from Kaggle’s “120 Years of Olympics” dataset to uncover trends in medal distribution, top-performing countries, popular sports, and age group performance.
- Cleaned and transformed data, created new features, and visualized insights using pivot tables, charts, and dashboards.

CERTIFICATIONS

Level I Certified Tutor | *College Reading and Learning Association, University of New Haven* Dec. 2024

- Certified as a Level I tutor, authorized to work as a professional tutor across the country.