

VIKASH KUMAR

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PROFESSIONAL SUMMARY

Data Scientist with expertise in predictive modeling, statistical analysis, and data visualization. Proficient in Python, SQL, and cloud platforms (GCP, AWS, IBM Cloud). Experienced in building and deploying end-to-end machine learning models. Currently completing an advanced program in Generative AI and Deep Learning.

TECHNICAL SKILLS

Programming: Python, SQL

Machine Learning: Predictive Modeling, Feature Engineering, Generative AI, Deep Learning

Databases: MySQL, MongoDB

Visualization: Tableau, Power BI

Cloud & Tools: AWS, GCP, IBM Cloud, Flask, Django, RESTful APIs, Alteryx

PROFESSIONAL EXPERIENCE

- Data Scientist Intern** Sep 2021 – Mar 2022
Cresco International *Irving, USA (Remote)*
 - Developed predictive analytics dashboards and data-driven solutions that improved client ROI.
 - Collaborated directly with clients to define project requirements and deliver actionable insights.
- IBM Hack Challenge Participant** Jul 2021 – Aug 2021
IBM *India*
 - Built IPL cricket prediction system using IBM Cognos Analytics and Watson Studio.
 - Completed foundational courses in AI, Data Science, and enterprise-grade analytics tools.
- Google Facilitator Program** May 2021 – Jun 2021
Google *India*
 - Achieved Ultimate Milestone award; gained hands-on experience in Big Data and ML on GCP.

KEY PROJECTS

- AI Career Coach Bot** 🤖: Built AI-powered chatbot for career guidance using HTML5, Tailwind CSS, and Google Gemini API.
- Factory Flow: Inventory Management System** 🤖: Developed AI-driven inventory optimization platform; deployed on Google Firebase for real-time analytics.
- Birth Weight Predictor** 🤖: Created ML model to estimate newborn birth weight using maternal data; deployed as Flask API on render platform.
- IPL Data Analysis:** Performed data wrangling and visualization on cricket datasets to uncover performance trends.
- Flask & RESTful APIs:** Developed scalable APIs for deploying ML models in production environments.

EDUCATION

- Bachelor of Technology, Computer Science and Engineering** 2019 – 2023
Jain University - FET *Bangalore*
- Class XII** 2018 – 2019
Central Public School, CBSE *Bihar*

CERTIFICATIONS

- Generative AI Program (Python, Statistics, MySQL, MongoDB, ML, DL) • IBM Cloud & Watson Studio Training
- Google Cloud Facilitator Program

LANGUAGES

English (Full Professional Proficiency) • Hindi (Full Professional Proficiency) • Kannada (Basic)