Sidhant Kumar

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SUMMARY

As a Computer Science graduate, I've developed my skills in software development, data analysis, machine learning and AI. My academic background and personal projects have provided me with a solid foundation to contribute effectively to innovative projects and create a meaningful impact to the industry.

EXPERIENCE

Integration Xperts
Data Science Intern   **Aug 2025 – Present**
- Working on computer vision projects involving image classification, feature extraction, and data processing.

Mextech Solutions
Software Engineer   **Aug 2024 – July 2025**
- Developed custom WordPress websites and plugins, with optimized performance and load times by 20%.
- Integrated third-party APIs to enable different payment gateways and data automations.
- Integrated AI Chabot for FAQs, lead capture and automated customer support, improving response time by 40%.

BCG (Boston Consulting Group)
GenAI Job Simulation   **April 2025 – May 2025**
- Completed a job simulation involving AI-powered financial chatbot development for BCG's GenAI Consulting team.
- Integrated and interpreted complex financial data from 10-K and 10-Q reports, employing rule-based logic to create a chatbot that provides user-friendly financial insights and analysis.

RadicalX
Product Developer – Internship   **Sep 2022 - Dec 2022**
- Collaborated with teams like design and engineering to brainstorm and build product prototypes.
- Designed and implemented dynamic web pages to display key statistics and metrics.
- Deployed sophisticated data visualizations that transformed raw data into intuitive, visually compelling charts and graphs.

PERSONAL PROJECTS

RAG ChatBot:
- Built a RAG Chatbot using LangChain, FAISS, and Groq that leverages vector search to query multiple large documents, delivering accurate, context-aware answers and reducing hallucinations by 55%.

Store Sales Forecasting:
- Developed a ML model to predict store sales using techniques like ARIMA, SARIMA, and regression.
- Analyzed sales data to identify trends, seasonality, and demand patterns.
- Improved model accuracy with hyper parameter tuning, evaluated performance with RMSE and R2 score, and visualized results.

Home Price Prediction:
- Loaded and cleaned the dataset, handled outliers, and performed feature engineering to improve model performance.
- Optimized model prediction accuracy by 30% through hyper parameter tuning & validation techniques.
- Visualized data insights with Matplotlib and Seaborn for exploratory analysis.
- Designed an interactive web app using HTML, CSS, and JavaScript for the client side & deployed it on Flask.

Business Sales Insight in Power BI:
- Designed and visualized an interactive Power BI dashboard to analyze business sales trends and key insights.
- Extracted and integrated sales data directly from a MySQL database for real-time analytics.
- Added a dynamic feature to highlight bars in red when sales profit falls below a certain target, signaling a red flag.
- Shared actionable insights that helped client make smarter decisions and cut costs by 15%.

Instagram Automation Tool:
- Developed Instagram automation tools to optimize social media marketing efforts.
- Automated various tasks such as account sign in, automated content posting, like, follow/unfollow user, and auto-reply to comments and messages using Python, Selenium.

SKILLS

Languages: Python, JavaScript, SQL, HTML, CSS.
AI Tools: N8N, Make.com, Zapier, Lovable, Cursor, Voiceflow
Data Visualizations: Power BI, Tableau, Seaborn, Matplotlib, Excel.
Frameworks & Libraries: Numpy, Pandas, Scikit-learn, Tensorflow, Keras, Git.
Testing: Selenium, Postman
Database: Pinecone, FAISS, Supabase, MySQL

EDUCATION

Bachelors of Computer Science
DHA Suffa University • PK, Karachi • 2024   **CGPA: 3.24/4**

HONORS AND AWARDS

Spectrum'23 - '2nd Runner-up' in Database Design Competition
Dean's Honor List - Honored to be included in **Dean's Honor List** - **Spring 2024**