BHAVYA KHANDELWAL

📞+91-7357982299 | 📍India, RJ, Ajmer | ✉ bhavya.code18@gmail.com

○ [GitHub](#) | 🔗 [LinkedIn](#) | [LeetCode](#)

PROFILE SUMMARY

To secure an entry-level role at an organization, where I can apply my expertise in data science, machine learning, and software development to drive innovative solutions, contribute to impactful projects, and further develop my skills in a challenging and dynamic environment.

FUNCTIONAL AREAS

- Data Analytics & Exploration
- Full Stack Development
- Ios Development

- Machine Learning & AI & NLP
- Statistical Analysis & Interpretation
- Business Intelligence

TECHNICAL SKILLS

- **Programming & Tools** – Python, R, SQL, JavaScript, HTML, CSS, React, FastAPI, Flask
- **Data Science & ML** – Pandas, NumPy, OpenCV, PyTorch, Scikit-learn, NLP, Time Series, Machine Learning
- **Data Visualization & BI –** Power BI, Tableau, DAX, Matplotlib
- **Databases** – PostgreSQL, MySQL, BigQuery
- **Others –** Excel (Macros, VBA), Git, APIs, Flask, Streamlit

WORK EXPERIENCE

Bosch, Jaipur

- **Data Science Intern**   **07/2023 - 10/2023**
  - Engineered an Advanced Visual Inspection System (AVIS) utilising Deep Learning and Region-based Convolutional Neural Networks (RCNN) to achieve 99.5% accuracy in part positioning within VE Manufacturing.
  - Resolved a production database-driven Machine Learning model that reduced pump failure rates by 15%, saving the company $X in maintenance costs annually.
  - Created a **C#** and **ASP**-based user interface integrated with **Oracle**, reducing paper usage by 80%, saving approximately 4,000 sheets of paper per month in the QZ area.

EDUCATION

- **Bachelor's Of Technology [B.Tech] [AI&DS]**   **11/2021 – Present**
  - Jaipur Engineering College and Research Center **[CGPA 7.92]**

- **Higher Secondary**   **04/2020 – 05/2021**
  - Kendriya Vidyalaya Sangathan **[Percentage - 88.4]**

PROJECTS

- **Code-Artify | Next.js | Prisma | Tailwind CSS | OpenAI API | Replicate AI| [Proof](#)**
  - Built an AI-powered SaaS platform enabling conversation, image generation, code generation, and music creation by integrating **OpenAI** and Replicate APIs, with a responsive frontend using **Next.js,** Prisma, and Tailwind CSS.

- **DocScan-GPT | Python | FastAPI | GPT-3.5 Turbo | FAISS | LangChain | OpenAI Embeddings| [Proof](#)**
  - Developed an AI-driven **document query system** leveraging GPT-3.5 Turbo, FAISS, and LangChain for semantic search and **intelligent response generation**. Implemented Top-K retrieval with OpenAI embeddings and optimized performance using FastAPI for scalable, low-latency query handling**.**

- **Email Spam Detection | Python, Scikit-learn, Gaussian Naive Bayes | [Proof](#)**
  - Built a machine learning system with 97% accuracy, deploying a Gaussian Naive Bayes model to achieve 98% precision in spam email classification.