Pratyaksh Kumar

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SKILLS

- **Languages**: C++, Python, Java, C
- **Frameworks**: HTML and CSS, NodeJS, React
- **Tools/Platforms**: MySQL
- **Soft Skills**: Problem-Solving Skills, Team Player, Project Management, Adaptability

INTERNSHIP

Acadmeor – By IIT Kharagpur   June 2023 – August 2023
ML Intern

- ◦ **About**: Contributed to the development of AI models by implementing various machine learning techniques. Worked on researching and applying cutting-edge ML algorithms to improve model performance. Collaborated with the team to analyze and process large datasets, and fine-tuned models for optimal results.
- ◦ **Tech stacks used**: Python, TensorFlow, Scikit-learn, Pandas, NumPy, Jupyter Notebooks

Outlier   August 2024 – February 2025
Freelancer

- ◦ **Project Overview**: Worked on training machine learning models for various applications, contributing to the optimization of business processes and enhancing predictive analytics for clients. One notable project involved redeveloping a recharge and bill payment platform for the startup **SCALE AI**, where I was responsible for training models to improve user experience and predict customer behavior.
- **Tech stacks used**: Python, Scikit-learn, TensorFlow, Pandas, NumPy, Mathematics, Web platforms

PROJECTS

- **Brahma - Virtual Voice Assistant**   November 2024
  Developed **Brahma**, a virtual voice assistant enabling fast, hands-free searches with natural language processing. Integrated machine learning techniques to enhance voice recognition accuracy and speed. Built the front-end using HTML, CSS, and JavaScript, and created APIs for seamless database communication. Enabled smooth interaction and personalized responses without the need for typing.
  Tech: HTML, CSS, JavaScript, Machine Learning, JSON, APIs

- **Movie Management System**   October 2024
  Developed a **Movie Management System** with enhanced UI/UX design to improve user interaction and visual appeal. Incorporated **machine learning techniques using Scikit-learn** for features like movie recommendation and categorization. Optimized the platform for better user experience and efficient data handling.
  Tech: HTML, CSS, JavaScript, Scikit-learn, UI/UX Design, MySQL

CERTIFICATES

- Complete Interview Preparation - Self-Paced (DSA) by GFG.   May 2024
- Build AI Apps with ChatGPT, Dall-E, and GPT-4   June 2024
- Python Programming - Linkedin   July 2024

ACHIEVEMENTS

- **Secured Global Rank 3567rd**:   April 2023
  Achieved a personal best rank of 3567 in the CodeChef contest 156, during first-time participation.

- **Runner-Up in Cricket Tournament** :   October 2024
  Achieved Runner-Up position in the cricket tournament organized by Ignite at LPU.

- **BGMI Esports Champion at LPU**:   March 2024
  Won the BGMI Esports Championship at LPU.

EDUCATION

Lovely Professional University   Punjab, India
- Bachelor of Technology - Computer Science and Engineering; **Percentage: 80%**   Since October 2022
Vidya Mandir Senior Secondary School   Haridwar, Uttarakhand
- Intermediate; **Percentage: 85%**   April 2019 – March 2021