Vimlendu Sharma

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Profiles

leetcode-profile/VimlenduSharma

kaggle-profile/Vimlendu(Master)

github/VimlenduSharma

Vimlendu Sharma

codechef-profile/VimlenduSharma

codeforces-profile/Vimlendu

Skills

- **Programming Languages and Databases:** Proficient in Cpp & OOPs, Python, R, SQL, PySpark and Golang
- **Machine Learning and AI:** Knowledgeable in Machine Learning Models, Artificial Intelligence and Deep Learning methods with hands on experience in (NLP), (LLMs), Transformers and Neural Networks
- **Cloud Computing:** Experienced in using (AWS) and Microsoft Azure
- **Tools:** Proficient in Matlab, AutoCAD and FIGMA
- **Web Development:** Developed Applications using React, NodeJS, ExpressJS, Javascript, Web API, Flask and SwiftUI
- **Testing Frameworks:** Jest & NGINX
- **Agile Methodologies:** Familiar with Agile Tools including JIRA and Scrum
- **Containerization Technologies:** Docker (Kubernetes) for Container deployment

Education

- **Thapar Institute Of Engineering and Technology, Patiala** — Patiala, Punjab
  B.E./B.Tech in Computer Science Engineering — Aug. 2021 - Aug. 2025
  CGPA: **7.90(2025)**

- **Kendriya Vidalaya, Muzaffarnagar** — Muzaffarnagar, U.P.
  Higher Secondary(XII CBSE) — Percentage : **90 %(2020)**

Experience

- **UDM Enterprises** — Intern
  Frontend Developer & UI/UX Intern — Feb. 2025-May. 2025
  1. Joined UDM Enterprises as an Intern in the technical department

- **Celebal Technologies** — Summer Intern
  Data Science Intern — June 2024-Aug. 2024
  1. Executed Data-driven strategies, enhanced Machine Learning frameworks and examine extensive datasets to obtain business-related understandings
  2. Improved performance, accuracy of the project models through Feature Engineering

- **Capefox Capital** (Remote Intern)
  IT Analyst Intern (Nov. 2022-May 2023)

- **Pregrad** (Remote Intern)
  Marketing Intern (Sep.2022-Oct.2022)

  Practice Projects
  1. Google Sheets-clone (React App) **GitHub**
  2. Data Visualization Dashboard -XCode-SwiftUI-App **GitHub**
  3. My Portfolio Website **GitHub**

Academic Projects

- **Hospital Management System** Is a Web-app build to improve Patient user experience in online appointment and consuming Hospital Services **GitHub**
  Tech Stack Utilized : SQL, Oracle, NodeJS, React, Javascript & VS Code
- **Bitcoin Price Prediction Model** Project aims to address the challenge of predicting the price & Analysis of change of Bitcoin along the time depending upon it's Volume & the circumstances along the World's Economy **GitHub**
  Tech Stack Utilized : Machine Learning,Regression, Time Series Analysis, ARIMA & LSTM models, Python & React
- **Smart Remote Monitoring System** Engineered a smart remote monitoring system that utilized real-time data from 3 IoT platforms to trigger alerts, improving response time for security breaches by 40% and increasing customer satisfaction **GitHub**
  Design Stack Utilized : Ultrasonic Sensor, Buzzer, LED, Arduino board, Bread board, jumper wires, Cpp, Python & VS Code
- **Machine Translation Model(Hindi-Punjabi)** Project involves the Translation of Hindi to Punjabi language using Machine Translation under NLP **GitHub**
  Tech Stack Utilized : Parallel corpora of Hindi & Punjabi, BART(Bidirectional & Auto-regressive Transformer) architecture, Transformer model, Python, Jupyter terminal & React
- **Deep-Fake Detection System** Web application tailored to address the detection of Deep-Fake content across all media types **GitHub**
  Tech Stack Utilized : Python, Machine Learning, Deep Learning Models, Flask, Colab & React

Achievements

- **UGC-NET Exam 2024 Qualifier in Computer Science(90 percentile)**
- **Gate-Exam Qualifier(CS, 2024) having Gate Score(378) and AIR(14345)**
- **Notebooks(Code) Master at Kaggle Platform(Data Science)**
- **Four Star CodeChef Coder(Rating-1985)**
- **Specialist at CodeForces(Rating-1412)**
- **NDA-Exam Qualifier(2020)**