PRAN PRACHURJYA SAIKIA

SOFTWARE ENGINEER

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SUMMARY

Aspiring Software Developer with a strong foundation in AI/ML, data processing, and web development. Proficient in Python, Java, SQL with experience in data analytics and machine learning. Passionate about building scalable solutions with a strong ability to collaborate effectively with cross-functional teams.

EDUCATION

Bachelor of Technology in Computer Science and Engineering (AI ML) **Sep 2021 - May 2025**
GLA University, Mathura

TECHNICAL SKILLS

- **Programming Languages:** Python, Java
- **Machine Learning & AI:** Model Development, Feature Engineering, LLMs.
- **Data Science & Analytics:** Data Preprocessing, EDA, Statistical Analysis
- **Database Management:** MySQL, SQL
- **Development Tools:** GitHub, Jupyter Notebook
- **Web Technologies:** HTML/CSS
- **Graphic Design:** Canva

WORK EXPERIENCE

Trainee: GLA University, Mathura **June 2023 - July 2023**
Job Oriented Value Added Course, GLA University, Mathura

- Gained hands-on experience in Data Structures and Algorithms (DSA)

Digital Solutions Executive, CodeCrush Hub **Aug 2023 - July 2024**
Web Developer & Graphic Designer

- Delivered tailored web development and graphic design solutions based on diverse client requirements.
- Managed social media accounts to boost client engagement and brand presence.
- Adapted to dynamic client needs by handling multiple roles, ensuring high client satisfaction across projects.

PROJECTS

AI Trading Agent using Deep Q-Learning **March 2025**
Personal Project | Python, TensorFlow/Keras, OpenAI Gym, Numpy, Pandas

- Built an autonomous trading agent utilizing Deep Q-Learning (DQN) to learn profitable stock trading strategies through reinforcement learning.
- Evaluated the agent by plotting profits, tracking rewards, and comparing model performance across multiple episodes.

Customer Lifetime Value (CLV) Analysis using Python **Dec 2024**

- Cleaned and preprocessed Walmart sales data for insights into customer behavior.
- Conducted Exploratory Data Analysis (EDA

Food delivery time prediction with Machine Learning using Python **July 2024**

- Built a predictive model using Haversine formula and ML algorithms to estimate delivery time.
- Implemented Scikit-learn, Pandas, and Plotly for feature engineering and visualization.