Jatin Goyal

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EDUCATION

IIIT Vadodara   Gandhinagar, GJ
Bachelor of Technology in Computer Science.   *Aug. 2019 – Jun. 2023*

RELEVANT COURSEWORK

- Data Structures
- Data Analytics
- Software Engineering
- Database Management
- Artificial Intelligence
- Algorithms Analysis
- Operating Systems
- Computer Networks

EXPERIENCE

AdNabu   Aug. 2023 – Present
Software Developer   *Bengaluru, KA*

- Engineered new features in Shopify apps leveraging Django and React technologies, enabling 10,000+ customers to maximize sales performance on top online marketplaces including Google and Facebook.
- Implemented a data-driven customer interaction analysis platform leveraging Flask and GCP, empowering customer success and support teams to enhance revenue by 5% through analysis and optimization of engagement strategies.
- Implemented support for Shopify Flow, Metafields, onboarding checklist and analytics page to enhance user experience, introduced post-purchase sales tracking for Facebook, resulting in a 12% increase in tracking of sales.

Amazon   Jan. 2023 – Jun. 2023
Software Development Engineer Intern   *Hyderabad, TG*

- Collaborated & communicated with product team to understand requirements for enhancing the NPC service workflow to include one more Key Performance Indicator(KPI) to reduce manual work for internal users.
- Developed application to extract KPI data from Excel reports; added data validation protocols to ensure data integrity, preventing errors in downstream processing & reducing data-related issues by almost 30%.
- Formulated and executed a KPI integration library, optimizing metric addition procedures, that reduced the duplicate code by 40% and project reduced up to 10 hours of manual work per week for users.
- Enhanced AWS service deployment efficiency by reducing integration test times by 75% through the implementation of parallelism, achieving a 60% decrease in overall deployment time.

PROJECTS

Internship Portal | *Django, SQLite, HTML, CSS, Bootstrap, Selenium*   Nov. 2021 - Dec. 2021

- Formulated a sophisticated internship management solution that enable administrators to post internships, announcements, and manage student responses that can optimize internship program effectiveness.
- Students can create profiles to apply for internships and see announcements by Admin.

Stock Analysis & Forecast Platform | *Django, Deep Learning, HTML, CSS, JavaScript*   Aug. 2021 – Sep. 2021

- Engineered a sophisticated stock analysis platform using Django and the Yahoo finance API, integrating real-time predictions through an LSTM model, resulting accurate stock forecasting capabilities.
- Users can compare two companies' stock data with interactive graphs and can download data in CSV format.

TECHNICAL SKILLS

Languages: Python, Java, SQL, JavaScript, HTML/CSS
Frameworks: Django, Flask, React, JUnit
Developer Tools: Git, Google Cloud Platform, AWS, Postman, VS Code, PyCharm, IntelliJ
Familiar: Machine Learning, Deep Learning, Redis

ACHIEVEMENTS

- **Winner**: Collaborated in team to engineer a Deep Learning algorithm that outperformed 30+ competitors in the ML/AI challenge hosted by IIIT Vadodara, resulting in a 98% in prediction accuracy.
- **First runner up**: Recognized as the first runner-up team in the Machine Learning Contest held by BIT Mesra for leveraging ML techniques to analyze Liver disease, enhancing the accuracy of prediction by 80%.
- **Selected**: Amazon ML Summer School provided an integrated learning experience about key machine learning topics and provided an opportunity for interacting with ML Scientists at Amazon.
- **Winner**: Achieved victory in the Data Divination challenge at the University of Delhi through the implementation of machine learning algorithms, which resulted in a 92% accuracy on given data.