Dhruv Bhatt

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EDUCATION

OP-JINDAL GLOBAL UNI.
MBA (Digital-Finance & Banking)
Jan 2021 | Mar 2023

BITS PILANI
M.Tech in Computer Science
JUN-21 | Percentage: 85.0

DHARMSINH DESAI UNI.
B.Tech in Computer Science
Aug. 2018 | Percentage: 81.8

EDUCATION COURSES

Data science | Databases Management | Cloud Computing | Deep Learning | Web Programming | Distribution System | System Design | Artificial Intelligence

ACHIEVEMENTS

- Earned **Over 70** Certifications from Leading Online Learning Platforms.
- Secured in Top 3 position in assignments and maintain **Rank 1st** in Adv. Batch contests at **Scaler**.
- Got **Top rank** in GfG Coding Competition at BITS Pilani.
- Prof. Tableau Desktop Certified.
- Marketplace Simulation: **Worldwide in Top 4% Percentile**.

SKILLS

Programming Language/Technology:
Python | Java | Javascript | HTML| CSS | NLP | Sk-Learn | NumPy | PyTorch | Keras | TensorFlow | DevOps | SpaCy | Pandas | Git | Docker | OOP | Containerization | LSTM | CNN | AWS | Transfer Learning | XGBoost | GCP | Feature Engineering | Semantic Extraction Techniques | Azure | MicroServices | Kafka | PowerBI | Design Patterns | CI/CD | SVM | Linux | Plotly | Data Visualization | Kubernetes | Session Management | Security | Data Modeling | System Architecture | Documentation
Soft-Skill
Communication | Leadership | Agility | Team Player | Story Telling | Analytical Skill | Collaborate | Agile Environments

EXPERIENCE

KPIT | Sr. Software Engineering/ Sr. Machine Learning Eng
Jan 2022 - Present | Bengaluru, IN

- Attained a **98% precision** in resource allocation within tools and enhanced allocation process by developing an ML model for resource utilization.
- Owned feature engineering, model development, validation, monitoring, and in-product integration of DL model into a micro-service, resulting **50% reduction** in resource consumption through accurate resource prediction.
- **Lead Stability & Performance Team** to identify issues and implement solutions.
- Through performance analysis done low latency, got a **20% enhancement** in cloud via CPU scheduling, optimizing code, and utilizing architecture.
- Collaborated with VP, CTO and stakeholders for performance monitoring.

NETAPP INDIA | Member of Technical Staff/ Software Eng.
Jan 2021 – Dec 2021 | Bengaluru, IN

- Research, delivered data-backed pros and cons, and refined the backup system for efficiency and dependability, contributing to a $5.744 B of cloud revenue.
- Transitioned from prior test suite to new architectures via test automation and Refactoring and optimization leading to a **20% increase** in performance.
- Played a key role in API documentation for comprehensive test trade-offs and streamlining good code practices for migration and benchmark production.

UPWORK, FIVERR | Machine Learning Consultant
Jan 2018 – Dec 2020

- Ensured project success and customer satisfaction resulting **in a 4.8 rating** by maintaining regular communication with customers and technical leads.
- Exhibited strong customer relationship expertise and received good feedback.

KEY PROJECTS

AI-DRIVEN RESOURCE PREDICTION | Python, Postgres

- Developed and deployed end-to-end AI pipelines for resource prediction, integrating ML and DL hybrid models. Deployment of real-time AI model resulted in a remarkable **40% decrease** in resource wastage, leading to substantial cost savings and customer satisfaction.

STOCK PRICE PREDICTION & FORECASTING | Python, LSTM

- Built an application automating data retrieval, training predictive modeling, and visualizing for stock price forecasting. Led to a **20% reduction** in manual data processing time and improved prediction accuracy by **15%, enhancing** overall efficiency and decision-making.

INTRUSION-DETECTION SYSTEM | Python, DL, REST API

- Built an application via Auto-Encoder and Keras, trained using DL algorithms. This enabled real-time classification, leading to a **25% enhancement** in anomaly detection precision and system reliability.

PUBLICATIONS IN DEEP LEARNING

[1] A. Kharat, A. Patel, D. Bhatt, N. Parikh, and H. Rathore. Emotion recognition using multimodalities. In *Hybrid Intelligent Systems: 20th International Conference on Hybrid Intelligent Systems (HIS 2020), December 14-16, 2020*, pages 309–319. Springer, 2021.