CHETHANPATEL P N

Aspiring Software Engineer - Computer Science and Engineering Graduate
662 A, 2nd Cross, Rajiv Gandhi Nagar, Kodigihally, Bangalore North 560092, Karnataka, India
+91-9108089100 Gmail Linkedin Github Portfolio

Education

BMS Institute of Technology and Management Bengaluru, India **Aug 2019 - Jun 2023**
Bachelor's in Computer Science and Engineering *CGPA: 8.35*

Times PU College Channaraya Pattana, Karnataka **Jun 2017 - May 2019**
11th and 12th Standard (PUC) *Percentage: 91.66%*

Sri Padmavathy High School Shravana Belagola, Karnataka **Jun 2016 - Apr 2017**
10th Standard (SSLC) *Percentage: 91.84%*

Relevant Coursework

- Artificial Intelligence
- Machine Learning
- Data Mining and Data Warehousing
- Natural Language Processing
- Data Structures and Algorithms
- Web Technologies

Experience

Mobileum **Feb 2023 - July 2023**
Engineering Intern *Bengaluru, India*

- Developed interactive dashboards to analyze network performance, such as Traffic Overview of specific network operators (CSPs), STIR-SHAKEN, and Rule Applied Reports.
- Developed a deep understanding of telecom analytics
- Applied advanced analytics techniques to discern trends, establish forecasts, and provide actionable insights to telecom organizations by using RAID

Department of Computer Science, BMSIT&M, Bengaluru **June 2023**
Resource Person — 5-day Online Machine Learning Course *Bengaluru, India*

- Conducted a 5-day online Machine Learning course, focusing on Python.
- Delivered lectures, led hands-on sessions, and mentored participants.
- Assisted in course material design and evaluation, enhancing participants' employment prospects.

Technical Skills

Programming Languages: Python, Java, C
Advanced Analytics and Intelligent Technologies: Artificial Intelligence, Machine Learning, Big Data Analytics
Machine Learning Frameworks: TensorFlow, PyTorch, Keras, Scikit-learn
Databases: PostgreSQL, MySQL, CouchBase
Version Control Systems: Git (GitHub)
Data Analysis and Visualization: Pandas, NumPy, Matplotlib, Seaborn, Hadoop, Map-Reduce
Operating Systems: Linux, Windows
Deep Learning Architectures: Artificial Neural Networks (ANN)

Projects

Computer Vision Techniques to detect the Cracks of Tunnels of Metro Railway(Ongoing)

- Applying computer vision techniques to detect cracks in railway tunnels.
- Utilizing image processing algorithms and machine learning for accurate crack identification.
- Collaborating with a team to curate and annotate a dataset for training and validation.

Traffic Overview Dashboard for Network Operators

- Developed interactive dashboard using RAID, a data visualization tool.
- Analyzed network traffic patterns for capacity planning and bottleneck identification.

STIR-SHAKEN Dashboard:

- Developed comprehensive STIR-SHAKEN dashboard using RAID.
- Retrieved call authentication and verification data from various sources.
- Visualized and analyzed STIR-SHAKEN data to ensure compliance and track call identity verification effectiveness.

Core Skills

- Solid understanding of machine learning algorithms and concepts, including supervised and unsupervised learning, deep learning, and natural language processing.
- Proficiency in Python and its associated libraries for machine learning and data analysis.
- Strong problem-solving skills and the ability to think critically and analytically.
- Enthusiasm for learning and staying updated with the latest advancements in AI and related technologies.