

Bhanu Prakash Reddy

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EDUCATION

CVR College of Engineering (JNTU University)

Bachelor of Technology in Electrical and Electronics Engineering (GPA: 9.78/10)

Hyderabad, TL

Aug '15 - Apr '19

- **Coursework:** Computer Networks, Microprocessor and Microcontrollers, Cellular Communication
- **Teaching Experience:** Fundamentals of Arduino Programming, Introduction to MATLAB

PROFESSIONAL EXPERIENCE

Deloitte Touche Tohmatsu Limited

Software Engineer - 1

Hyderabad, TL

Jun '19 - Present

- Involved in development and integration of interactive dashboards using data analysis and visualization.
- Worked on data mining on large datasets for creating static reports and providing statistics.
- Formulated key performance metrics for improved information retrieval and identifying outliers.
- **Tech Stack:** Qlik Sense, Qlik View, Tableau, SQL, Set Analysis in Qlik, Power BI, Python.

Deloitte Touche Tohmatsu Limited

Network Intern

Hyderabad, TL

Jan '19 - Mar '19

- Involved in performance analysis of LAN. Monitoring network performance to determine if adjustments need to be made
- Support design and interconnectivity of new Data Centers in multi-site environment.
- **Tech Stack:** Computer Network Programming, Socket Programming

RESEARCH PUBLICATION

Chada, B.P.R., Vardhan, H., Raghavendra, A., (2021, July). **Human Activity Recognition using Deep LSTM Architecture.** International Journal of All Research Education & Scientific Methods. [Paper]

MAJOR PROJECTS

High Frequency Stock Market Forecasting

- Performed literature review for selection of statistical and machine learning techniques in comparative analysis.
- Analyzed the behaviour and performance of statistical techniques (ARIMA, Holt-Winters) and machine learning models.
- Formulated a unique stacked LSTM architecture **outperforming conventional statistical algorithms by 3.4%.**

Customer Segmentation using Hybrid Clustering Algorithms

- Worked on a highly imbalanced dataset to analyze the customer trends and generate insights for business optimization.
- Performed a comparative analysis of multiple clustering techniques (spatial, agglomerative, spectral).
- Successfully created clusters and presented data-driven market approach layout at inter collegiate competition

TECHNICAL SKILLS

- **Certifications:** Google Data Analytics Professional Certificate
- **Programming:** Python, Java, C, SQL
- **Data Analytics Tools:** Qlik Sense, Qlik View, Tableau, Power BI
- **Simulation Tools:** MATLAB, PSPICE, Proteus

LEADERSHIP AND HONORS

Professional

- Organized technical bootcamp for **training new hires (60+ candidates)** in software tools.
- Received the **Client Appreciation Award** (INR 15000) for top quality performance and engagement.
- Received INR 10,000 under R&R Program for being **amongst the top 3 performers** of the year (2020-21).

Academic

- **President** of the EEE Tech Association, CVR College of Engineering.
- **Winner of MEGA competition** (Designed a Haptic Robotic Arm) conducted by IIT Bombay.
- Presented a review paper on **"Production Of Electricity From Nano Trees"** at the national level college technical fest.
- Presented a Project on **"Automatic Street Light System"** at national level Project Expo by Anurag Group of Institutions.
- Presented a poster on **"Renewable Energy"** at Telangana Electricity Board.

EXTRACURRICULAR ACTIVITIES

- Member of Basketball Team (CVR College of Engineering).
- Organized a 5k Fun Run event - Deloitte Hyderabad Office.
- Organized by Deloitte for conducting virtual classes on basics of computer and personality development over weekends.
- Street Cause Member (NGO for creating awareness amongst underprivileged children about education).