

CURRICULUM VITAE

Bhimaneni Mohan Siva Sanjay

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PROFESSIONAL SUMMARY

I am an aspiring data scientist with hands on experience in Python programming, data visualization, text mining, and machine learning. Demonstrated ability to deliver data-driven insights and solutions through internships and academic projects. Skilled in developing interactive applications and proficient in leveraging algorithms for data analysis and model building.

EDUCATION

2024-present	Bachelor of Science in Data Science and Applications, Foundation Level, in Indian Institute of Technology, Madras. CGPA: 9.13
2022-present	Bachelor of Technology in Computer Science and Engineering, 3 rd year, in University College of Engineering, Jawaharlal Nehru Technological University Kakinada, Narasaraopet. CGPA: 8.82
2020-2022	12 th standard equivalent (Board of Intermediate Education, AP), in Tellakula Jalayya Polisetty Somasundaram College, Guntur. Score: 92.3%
2019-2020	10 th standard (SSE) in Sri Satya Sai Vidya Niketan, Guntur. Score: 92.5%

PROFESSIONAL EXPERIENCE

Data Science Intern

Main Flow Technologies and Services, India.

May 2024 – July 2024

- **Major Project:** Developed a Python-based interactive data visualization app using Tkinter and Matplotlib. Packaged the app with PyInstaller for easy distribution and user-friendly deployment.
- **Minor Project:** Contributed to data processing and analytics tasks from 'mainflow' on GitHub, enhancing understanding of collaborative development in data science workflows.
- Conducted exploratory data analysis and created visualizations to assist stakeholders in decision-making.

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, Java, JavaScript, HTML, CSS, SQL, R.
- **Technical Tools:** NumPy, Pandas, scikit-learn, Matplotlib, Seaborn, Tkinter, GitHub, Git Bash, Jenkins, Linux (UNIX), Jupyter, ExpressJS, NodeJS, SQL Plus (By Oracle), PostgreSQL.
- **Skills:** Data Structures and Algorithms, DBMS, Computer Networks, Data Warehousing, Data Mining, Machine Learning, Deep Learning, Data Analysis, Computer Architecture, Operating Systems, Software Engineering, Object Oriented Programming and Design, Compiler Design, Software Project Management.

PROJECTS

Interactive Data Visualization App

Repository: https://github.com/mohanbhimaneni/data_analysis

- Designed and implemented an **interactive GUI application** for data exploration and visualization.
- Incorporated various plots (e.g., bar charts, scatter plots) for enhanced user experience.

Chess Game Implementation

Repository: <https://www.github.com/mohanbhimaneni/chess>

- Developed an interactive chess game using HTML, CSS, JavaScript, implementing the rules of chess with features like piece movement validation and check detection.
- Enhanced understanding of object-oriented programming through the use of classes for chess pieces and the game board.

Online form with stored submissions

Repository: https://www.github.com/mohanbhimaneni/form_google

- An online form made from html, CSS, and Java Script.
- Submissions are stored in a google sheet with help of AppScript.

Codsoft Task Management App

Repository: <https://www.github.com/mohanbhimaneni/codsoft>

- Built an interactive task management system in Python.

ACHIEVEMENTS

- Won in an application design competition held by RVR&JC College.
- Achieved 5th position in the zonal round of CoDecode event, organized by IIT Bombay at Hyderabad.
- Selected for a position in a Technical Team to maintain website for Bandipur House, IIT Madras (a part of BS degree).
- Participated in Neura Nexus event at JNTUK, Narasaraopet.
- Participated in many events in Paradox, 2024, at IIT Madras, in events such as Python coding challenge, DSA Trailthon, Becoming Billionaire.
- **Co-founded** the Programming Club (Phoenix Code Clan) at JNTUK, Narasaraopet.
- Successfully delivered internship projects within deadlines.
- Gained commendation for creating intuitive data visualization tools.

CERTIFICATIONS

- Deep Learning – IIT Ropar: NPTEL Course
- [Certificate](#) of Excellence in Code Quill – Coding Round-1 of Code Quill
- [Certificate](#) of Participation in Code Quill of CySEntia.
- Introduction to Programming Using Python [Certificate](#)
- Problem Solving (Basic) [Certificate](#)

STATEMENT OF PURPOSE

I am B. Mohan, currently pursuing Computer Science and Engineering at UCEN JNTUK. As a passionate student of CSE, I am eager to learn and explore the industry through internships and project opportunities. I want to expose myself to the real-world way to dealing with problems and the methods that are implemented to tackle the real-world problems.

I seek to engage with my seniors and my colleagues to make myself a better suit for the work at hand. So, I am looking for the right environment to build myself to be able to give something back to the system.

DECLARATION

I declare that all the information provided above is true and accurate. I understand that any false information may lead to my disqualification.