Singathala BharathaSimha Reddy

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|Bharath Singathala | LinkedIn **|**
|https://github.com/Bharathsingathala|

Professional Summary

Final-year B.Tech student in Electronics and Communication Engineering with hands-on experience in VLSI, web development, and data science. Proficient in Python, AI & ML, and data analytics, with a proven ability to deliver optimized solutions in academic and professional settings. Seeking to leverage technical expertise and innovative problem-solving skills in a dynamic role.

Education

B.Tech in Electronics and Communication Engineering
Rayalaseema University College of Engineering, Kurnool, Andhra Pradesh
DEC 2021 – JUN 2025 | CGPA: 8.0

Technical Skills

- Programming Languages: Python (AI & ML), Verilog, HTML, CSS, SQL, Java.
- Data Analytics Tools: Advanced Excel, Power BI (Basics), Pandas, NumPy.
- Core Engineering Skills: VLSI Design (RTL, Verilog), Circuit Analysis.
- Soft Skills: Leadership, Team Collaboration, Problem Solving, Communication.

Certifications

- Google Data Analytics Specialization – Coursera (FEB 2024 – APR 2024)
- Python with AI & ML – Bright Learn Technology (MAY 2024 – JULY 2024)
- 4-Star Gold Badge – Python, Hacker Rank (SEP 2023 – DEC 2024)

Professional Experience

VLSI Design Intern
Atmos Silicon Labs | AUG 2023 – OCT 2023

- Designed and verified RTL modules using Verilog for VLSI circuits.
- Collaborated with senior engineers to deliver optimized solutions for complex designs.
- Utilized tools like Cadence for design and validation.

Web Development Intern
Octane Services Pvt Ltd | FEB 2024 – APR 2024

- Developed responsive web interfaces using HTML and CSS, improving user experience.
- Assisted in debugging and optimizing web performance, reducing page load times by 20%.

Data Science Intern
Bharat Intern | FEB 2024 – MAR 2024

- Analysed and visualized datasets using Python, Pandas, and Matplotlib.
- Improved data processing workflows, reducing processing time by 20%.
- Presented actionable insights to stakeholders.

Wadhwani Foundation Internship
FEB 2024 – MAR 2024

- Participated in practical projects focusing on advanced tools and techniques.
- Worked on real-world applications to gain hands-on experience in emerging technologie**s.**

Academic Projects

Musical Rhythm Project
Using LEDs, Breadboards, Resistors | JAN 2023 – MAR 2023

- Implemented a real-life simulation project with specific requirements.
- Achieved a 25% reduction in operating costs and a 30% improvement in user satisfaction.

Projects

Loan Eligibility Prediction & Recommendation System
Using Python and Kaggle Dataset | JUL 2024 – AUG 2024

- Cleaned and pre-processed data using Python libraries (Pandas, NumPy).
- Built a predictive model for loan eligibility using AI & ML, achieving 85% accuracy.
- Collaborated with a mentor to refine and optimize the system.

TODO LIST

BY USING THE HTML, CSS, JAVASCRIPT| https://todo-list-bharath.netlify.app |

- First take the requirement to create the columns and heading, boxes, sections area. By using HTML.
- After that I will make to connect with CSS to make interactive keeping Boxing sizes, front alignment.
- Then using JavaScript to make some interactive.

Achievements

- Secured a 4-Star Gold Badge for Python on Hacker Rank (SEP 2023 – DEC 2024).
- Volunteered at the EDUNET SAP DRIVE event (MAR 2024), contributing to its success with over 100 participants.
- Led multiple team-based projects, fostering collaboration and innovation.

Extracurricular Activities

- Leadership: Volunteered at technical events, managing participants and logistics.
- Team Sports: Played cricket, enhancing teamwork and strategic thinking.
- Creative Pursuits: Passion for reading books and watching movies for relaxation and inspiration.