

Bodepudi Naga Reshmi

nagareshmibodepudi@gmail.com | (+91) 9293947141



[\Reshmibodepudi](#)



[/reshmibodepudi](#)

PROFILE

I'm a Computer Science student with a focus on full-stack web development and Machine Learning. Experienced in leading teams, group projects, and hackathons, with strong interpersonal skills for effective communication and teamwork. Passionate about continuous learning and exploring new technologies.

EDUCATION

Examination	Major	Institute	Year	CGPA/%
B-Tech	CSE	B V Raju Institute of Technology	2022-2024	9.24
Intermediate	MPC	Narayana Junior College	2020-2022	97.4
SSC	State Board	Dwaraka High School	2019-2020	10

TECHNICAL SKILLS

- ❖ **Programming** **Java, Python**
- ❖ **Development** **HTML, CSS, JavaScript, Node.js, Express.js, Flask**
- ❖ **Database** **SQL, MongoDB**
- ❖ **Tools** **Git, GitHub, VSCode**

EXPERIENCE

- **Hexagon | Real Time Project**
 - Collaborated in a cross-functional team of 8 to refine user prompt processing in a GenAI-based system.
 - Optimized PID integration within the GenAI framework to enhance system performance.

CONFERENCE ACTIVITY AND PAPER PUBLICATIONS

International Conference on Circuit, Power and Computing Technologies (ICCPCT-2024)

Paper Title: SoulEase: AI Enhanced Personal Journal - Text Based emotion Detection

- The paper explores various ML and DL models, including BiLSTM, SVM, and GenAI, for emotion detection and enhanced mood tracking.

[DOI: 10.1109/ICCPCT61902.2024.10673121](https://doi.org/10.1109/ICCPCT61902.2024.10673121)

ACADEMIC PROJECTS

- ❖ **SoulEase | React.js, ML, Flask**
 - A web-application focusing on mental health which detects user's emotions through text. An AI enhanced personal Journal, where users enter their daily journal, and their emotions are detected through text using NLP techniques.
GitHub link: [SoulEase](#)
- ❖ **KisanSathi - Agricultural Assistance Platform | HTML, CSS, JS, ML, Flask, API Int**
 - Implemented a Machine Learning prediction model to provide farmers with accurate crop predictions. Enabled multi-lingual to support a diverse user across different regions.
 - Integrated an LLMs API to generate customized crop reports tailored to individual farmer needs.
GitHub link: [KisanSathi](#)

CERTIFICATIONS

- ❖ **Supervised Machine Learning** – Regression and Classification - Coursera
- ❖ **The Joy of Computing Using Python** – Python – NPTEL - 2023
- ❖ **Best Paper Award Certificate** – ICCPCT Conference 2024
- ❖ **Front End Web Development** – HTML, CSS, JavaScript, ReactJS – Bolt IoT
- ❖ **Guided project completion** – UI/UX Portfolio with GitHub – Coursera
- ❖ **Object Oriented Programming** – OOPS Java- TUF+

ACHIEVEMENTS

- ❖ Received the Best Paper Award for SoulEase in the domain of Artificial Intelligence, competing among 160 participants.
- ❖ Secured 1st place in the Yukthi National Hackathon among 60 teams and at the Internal Level Smart India Hackathon.
- ❖ Served as the Hospitality Head of Coding Brigade BVRIT, actively participating in various club activities and organizing a coding contest with 500 participants.