# ANUGU ABHIJITH REDDY

Hyderabad | anuguabhijithreddy0202@gmail.com | +91 9398976700

linkedin.com/in/anugu-abhijith-reddy-a38a65293/ | github.com/abhijithreddy05

## Professional Summary:

BTech student (graduating in 2026) with full-stack web development and exploring in AI, machine learning,.
Skilled in developing AI-driven solutions, deploying deep learning models, and building scalable MERN stack applications.
Strong foundation in data structures, algorithms, and database management.

## Projects:

**HealthSphere**:
**Tech Used**: React.js, Express.js, MongoDB, Flask, JWT , Node.js
Developed a full-stack healthcare ecosystem with three role-based interfaces—Patient, Doctor, and Hospital Administrator—to streamline medical services using AI and automation.
**Patient Interface**: Enables symptom & X-ray-based disease prediction, appointment booking, fitness & workout recommendations, mood-based chatbot, pill reminders, pill identification via image, emergency SOS alerts, insurance suggestions, and complete health record access.
**Doctor Interface**: Allows viewing appointment details, accessing patient health records, and generating AI-assisted e-prescriptions.
**Hospital Interface**: Manages bed allocation, doctor onboarding, pharmacy stock, and appointment approval workflows. Integrated advanced DL models for diagnostics and personalized care, improving healthcare accessibility, efficiency, and user engagement.

**Career Catalyst**:
**Tech Used**: TypeScript, React.js, Node.js, Express.js, Flask, MongoDB, JWT, Selenium, GitHub API, Gemini API
Developed an AI-powered career platform supporting three distinct roles—Students, Institutions, and Organizations— facilitating resume evaluation, job matching, and candidate insights through intelligent automation.
**Student Module**: Resume upload and analysis using Gemini API to extract resume score, ATS optimization score, and overall assessment. Provides professional profiling including skills, experience, education, strengths, improvement areas, and recommended certifications. Enables job matching via NLP (cosine similarity, keyword matching, weighted experience) and role-based LinkedIn job scraping using Selenium.
**Institution Module**: Features a dashboard showing total students, active jobs, recent matches, and student filters (by branch/year). Allows job listing creation with AI-based student matching and percentage-based relevance scoring.
**Organization Module**: Supports cross-institution student search with filters. Generates reports by scraping LinkedIn (experience data) and GitHub (repo stats, commits, PRs, language usage) and suggests salary ranges based on skill analysis, contributions, and experience.

## Technical Skills:

| | |
|---|---|
| **Programming** | : Java, Python, C, Data Structures and Algorithms. |
| **Frontend** | : HTML, CSS, JavaScript, React.js |
| **Backend** | : Node.js, Express.js |
| **Database** | : MongoDB, Mongoose, MySQL |
| **Software** | : VS Code, Git, GitHub, Postman |

## Education

| Degree / Qualification | Institute | CGPA / Score | Years |
|---|---|---|---|
| **BTech, CSE (Data Science)** | B V Raju Institute of Technology | 7.49 / 10 | 2022-2026 |
| **Intermediate (MPC)** | Naryana College | 89.8% | 2020-2022 |
| **SSC** | Megha High School | 10 / 10 | 2019-2020 |

## Certifications:

**NPTEL** - Programming in Java
**Cisco** - Programming Essentials in Python
**Oracle** - Java Fundamentals and Java Foundations
**NPTEL** - The Joy of Computing Using Python
**SKILLUP** - Programming with Python 3.X
**Swecha** - Summer of AI
**HackerRank** - Java(Basic)

## Internships:

**Swecha Summer of AI Virtual Internship:**
* Built and assessed an Automatic Speech Recognition (ASR) model.
* Collected a varied dataset of Telugu audio and video samples to strengthen project results.

## Workshops:

Datathon – Power BI Workshop: Learned data visualization, dashboard creation, and data analytics using Power BI

## Achievements:

Secured 4th Place Overall and Domain-wise 2nd Prize in the Healthcare domain for the project HealthSphere at HackWithinfinity, a national-level hackathon with participation from 129 teams.

## Technical Interests:

Interested in building full-stack web applications using the MERN stack, with a focus on responsive UI, efficient APIs, and scalable backend systems.

## About me:

Enthusiastic software developer with a strong focus on building efficient, user-centered applications, driven to apply technical skills and creativity to deliver impactful solutions in a dynamic, forward-thinking environment.

## Personal Details:

**DOB**              : 28/07/2005
**Marital Status**   : Unmarried
**Languages Known**  : English, Telugu, Hindi