

# Pagilla Udayasri

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## PROFILE

**Aspiring Full-Stack Developer** with strong foundations in Java, Python, JavaScript, data structures, and web development. Passionate about building end-to-end applications using modern tools like React, Node.js, Express, and MongoDB. Quick learner with the ability to understand complex concepts and apply them to real-world projects.

## Education

Sreyas Institute of Engineering and Technology, Hyderabad

B.Tech in Computer Science Engineering | CGPA: **9.38** | Final Year (Graduating 2026)

## Technical Skills

- **Programming/Scripting:** Java, Python, C++, JavaScript
- **Frontend:** HTML, CSS, ReactJS
- **Backend:** Node.js, Express.js
- **Databases:** SQL, MongoDB
- **CS Fundamentals:** Data Structures, Algorithms, Object-Oriented Design, OS Concepts, Time & Space Complexity
- **Distributed Systems & Tools:** Docker (Basics), AWS (Free Tier), Firebase (Basics), CI/CD (Basics), Jenkins (Intro)
- **Other Tools:** Git, GitHub, Postman, REST API Design, Agile, Render.

## Projects

### • Job Alert System

GitHub: <https://udayasri-pagilla.github.io/Job-alert-system/>

Python-based automation tool scraping job portals using **BeautifulSoup** and sending alerts via SMTP. Features a **Streamlit UI** for user interaction. Used 'schedule' for cron-style automation and **MongoDB** for storing preferences.

### • DSA Emailer Tool

Automated Node.js tool to send daily DSA questions to subscribers using **Nodemailer** and MongoDB. Helped improve problem-solving habits via consistent practice.

### • Referral & Credit System

Built a referral rewards system with unique referral links, credit assignment logic, and secure JWT authentication.

Designed REST APIs & MongoDB models for referrals, credits, and user activity tracking.

Demo: [project workflow demo](#)

## Hackathons & Achievements

- **Finalist** – BioChatGPT Hackathon Built a biomedical chatbot using LLMs and full-stack tools in 36 hrs. Integrated APIs for biomedical databases.