

# Hemalatha Ratnakar

Aspiring Engineer, Passionate & Dedicated

To seek a respectable position where I can contribute my technical knowledge, effective communication skills and problem solving skills for the growth of an organization and also for the sake of self development. A quick learner with a strong foundation in programming, I am enthusiastic about working with new technologies and delivering innovative solutions to global clients.

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## EDUCATION

### Bachelor of Technology, EC

Srinivasa Ramanujan Institute of Technology,  
Anantapur

09/2020 - 04/2024

CGPA - 8.28

### Senior Secondary

Sri Chaitanya Junior College, Anantapur

08/2018 - 03/2020

CGPA - 9.23

## PROJECTS

### Desktop Assistant using Python

- Developed a Python-based desktop assistant using **pyttsx3** and **SpeechRecognition** libraries, capable of executing voice commands.
- Features include web browsing, Wikipedia searches, playing YouTube videos, managing system applications, and controlling music playback.
- The assistant also performs tasks like system shutdown, restart, and providing current time updates, enhancing user interaction through voice commands.

### Diwali Sales Analysis Using Python

- **Objective** : Conducted Exploratory Data Analysis (EDA) on Diwali sales data to uncover customer behavior, product performance, and sales trends during the festive season.
- **Key Insights** : Identified key demographics such as married women aged 26-35 years, top states (Uttar Pradesh, Maharashtra, Karnataka), and popular product categories like Food, Clothing, and Electronics.
- **Tools Used**: Utilized Python with Pandas for data manipulation and Matplotlib/Seaborn for visualization to present actionable insights.

## INTERNSHIP

### Python Product Support Intern

Vaultedge Software Pvt Ltd

05/2024 - 06/2024

Remote

Achievements/Tasks

- Responsibilities: Resolving support tickets, troubleshooting, API testing, addressing client issues.

### Full Stack Intern

Kodnest Technologies

08/2024 - Present

Achievements/Tasks

- As a Full Stack Intern, I gained hands-on experience in Java for backend development, front-end technologies for creating dynamic user interfaces, and SQL for database management.

## TECHNICAL SKILLS

Programming Languages: Python, Java, C++

RESTful APIs

Microservices Architecture

AWS Cloud

Database Technologies: MySQL

Version Control: Git & GitHub

## ACHIEVEMENTS

Successfully advanced to the final round of "Ai-fication Hackathon" conducted by Techolutions, where I had represented my idea for AI-driven HR solutions.

Secured first prize in group discussion on "Importance of Mother Language" organized by NDLI Club.

## CERTIFICATES

Python Programming (07/2023 - 08/2023)

Issued by Guvi Geek Networks.

SQL and Relational Databases 101 (10/2024 - 12/2024)

DB0101EN, provided by IBM.

AWS Academy Cloud Foundations (05/2022 - 06/2022)

Issued by AWS Academy.

Java Full stack (05/2023 - 07/2023)

Issued by Wipro.

## LANGUAGES

English

Professional Working Proficiency

Telugu

Native or Bilingual Proficiency

## STRENGTHS

Communication Skills

Problem Solving

Adaptability

Collaboration Skills

Logical Thinking

Analytical Skills