

# B Sree Durga Alekhya

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## Summary

An inquisitive individual with the ability to adhere to established procedures, thrive, and learn under little supervision. Adaptable, resilient and committed to continuous improvement. Seeking opportunities to contribute to innovative projects, grow technical skills.

## Skills

**Programming Languages:** Python, C++, C, JavaScript

**Web Development:** React.js, Django, Flask, Express.js, Bootstrap, Flask, Node.js, HTML, CSS

**Database:** SQL, MongoDB

**Cloud:** Azure Fundamentals

**Tools:** Docker, Postman

**Operating System:** Windows, Unix/Linux

**Version Control:** Git

## Projects

**Blog Application** | *React.js, Express.js, MongoDB, Node.js*

- Developed a dynamic personal blogging platform utilizing the MERN stack (MongoDB, Express.js, React, Node.js).
- Implemented user authentication with Google Firebase, ensuring secure access control.
- Enhanced user interaction by integrating features such as article upvoting and commenting, increasing user engagement.

**Weather Application** | *React.js, API, AWS Amplify*

- Developed a weather app using React, utilizing the OpenWeather API.
- Implemented functionality to fetch and display the weather details for the user's current location and input location.
- Successfully deployed the app using AWS Amplify.

**To Do Application** | *Django, HTML, CSS, JavaScript*

- Developed a Django-based Task Management Application with user authentication.
- Implemented features for adding tasks, marking them as completed, edit, search and deleting tasks.
- Users can add description, deadline, collaborators, category and priority to each task for comprehensive task organization.

## Internship

**Optum Global Solutions**

Jul 2023 - Sept 2023

*Software Engineer Intern*

*Hyderabad*

- Converted 13.2k XML files to JSON and stored it in MongoDB using XML DOM, Python, BeautifulSoup, PyMongo.
- Created a Flask Application to facilitate user-friendly interface.
- Successfully created and managed Docker images for Flask and MongoDB.

## Education

**BVRIT Hyderabad College of Engineering for Women**

2020-2024

*Bachelor of Technology in Computer Science (GPA : 7.77/10)*

**Narayana Junior College**

2018-2020

*Intermediate ( Percentage : 94.5%)*

**Bhashyam High School**

2017-2018

*Secondary School Certificate (GPA : 9.8/10)*

## Certifications

**Microsoft Certified : Azure Fundamentals**

Apr 2024