


# DEVA RUGVED

Hyderabad, Telangana

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## Summary

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Engineering graduate specialized in Computer Science and Engineering. Proficient in HTML, CSS, JavaScript, React, Python, Java, C, and C++. Strong problem-solving and coding skills, backed by competitive programming experience and certifications in Data Structures and Algorithms, Cyber Security. Committed to being a valuable team member with excellent time management and communication skills.

## Education

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### Institute of Aeronautical Engineering

*Bachelor of Technology in Computer Science Engineering, CGPA - 8.42*

**November 2021 – Present**

*Hyderabad, Telangana*

### Sri Chaitanya Junior College

*Intermediate, 97.4%*

**June 2019 – June 2021**

*Hyderabad, Telangana*

### Ravindra Bharathi School

*Class 10, CGPA - 9.3*

**March 2017 – March 2019**

*Hyderabad, Telangana*

## Coding Profiles

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- Leetcode : 500 + Solved
- Codechef : 1614
- Spoj : 30 + Solved
- Interviewbit : 30374
- Codeforces : 30 + Solved
- GeeksforGeeks 312
- Hackerrank - 1376

## Internships

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### Oasis Infobyte

**Jun 2023 - Jul 2023**

- Developed a music streaming application similar to Spotify as part of a team, gaining basic knowledge of front-end and back-end application operations.
- Constructed and emulated web application functionalities on a web page, demonstrating a deep understanding of the technologies involved. Utilized Front end tools like HTML, CSS, Javascript.

### CodeClause

**Jul 2023 - Aug 2023**

- Learned Python GUI-based techniques and implemented them in real-world projects. Created a comprehensive calculator application using Python, integrating advanced mathematical functions.
- Employed tkinter in GUI and libraries like pandas for Data Manipulation.

## Projects

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### Cyber Resilience on Smart Home | *Cyber Security, Machine Learning*

- Developed a Cyber Resilient model on Iot Devices based on Intrusion Detection System working on LightGBM. The model detects the Cyber Attacks like Mirai, Gafgyt and alerts the user.
- Improved Performance of LightGBM classifier on an IoT intrusion detection dataset by employing feature reduction techniques such as Recursive Feature Elimination (RFE)

### NewsApp | *HTML, Bootstrap, React JS*

- Developed a modular News Application displaying articles for categories like Sports, Entertainment, Business etc.
- Utilized Fetch API to fetch news content from the external API and React-Router-Dom for smooth page navigation.
- Implemented a progress bar using React states and infinite scroll for dynamic content loading.

### Vela - Text Editor | *HTML, Bootstrap, React JS*

- Built a text editor using React that allows users to convert text between uppercase and lowercase, as well as toggle bold formatting. Utilized React forms to generate a dynamic text box, allowing real-time text manipulation.
- Added advanced features like dark/light mode toggle, word count, reading time estimation, and text reference display.

## Technical Skills

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**Languages:** Python, Java, C/C++, HTML/CSS, JavaScript, SQL, DBMS

**Developer Tools:** VS Code, Net Beans, Dev C++

**Technologies/Frameworks:** Git, GitHub, Bootstrap, React, Tailwind CSS

## Certifications

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- Data Structures and Algorithms - NPTEL
- Participation in Amazon Web Services - NSIC
- Database Management Systems - Great Learning
- Introduction to Cyber Security - SimpliLearn