

# SAI KUMAR VALLAPU

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<https://github.com/saikumarvallapu2001>

## CAREER OBJECTIVE

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A highly motivated Computer Science graduate with a strong foundation in Python, web development, and software engineering principles. Passionate about problem-solving, software development, and building efficient, scalable applications. Eager to apply my skills in real-world projects and contribute effectively to a dynamic team.

## TECHNICAL SKILLS

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- **Programming Languages:** Python, C, C++
- **Front-End Development:** HTML, CSS, JavaScript, Bootstrap
- **Databases:** MySQL
- **Frameworks:** Flask, Django
- **Tools & Platforms:** GitHub, Microsoft Excel, Word, PowerPoint, AWS, Azure

## EDUCATION

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**Bachelor of Technology in Computer Science and Engineering (Data Science)**

**2021-2024**

DRK College of Engineering and Technology

CGPA: 6.26

## PROJECTS

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### Notes Management System – Flask, MySQL, HTML/CSS

- Developed a web application where users can securely create, edit, delete, and view their notes, with login functionality and OTP verification.
- Implemented password reset functionality using email-based tokens for secure password recovery.
- Integrated Flask-Mail for email notifications, bcrypt for password hashing, and session management to ensure secure and personalized user experiences.

### Doctor's Appointment System | Flask, MySQL, Bootstrap

- Developed a secure web application where patients can register, log in, and book/cancel appointments with doctors.
- Created an admin dashboard to manage doctor profiles, view/delete appointments, and prevent double bookings.
- Used Flask for backend logic, MySQL for database management, Bootstrap for responsive design, and bcrypt for password security.

## CERTIFICATIONS

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- **Software Engineer intern:** Certified in Hacker Rank
- **Python(basic):** Certified in Hacker Rank
- **Power Bi Workshop:** Certified in Techtip24
- **PYTHON FULL-STACK:** Pursuing at Codegnan Destination

## ACHIEVEMENTS

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- **Won 2<sup>nd</sup> Prize** in a college-level hackathon for an innovative data visualization tool.
- **Awarded "Best Event Manager"** for successfully organizing and managing the **Farewell Event** at my college, ensuring seamless coordination and engagement.