

# DAVULURI SIVA NAGARAJU

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## PROFESSIONAL SUMMARY

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Entry-level Python Full Stack Developer with hands-on experience in building applications using **Python, Django, MySQL, HTML, CSS, and JavaScript**. Strong understanding of CRUD operations, UI development, and database-driven application design. Skilled in using **GitHub, automation concepts, and troubleshooting techniques**. Eager to expand into **Infrastructure/DevOps engineering**, apply technical skills, and contribute to real-world enterprise environments.

## TECHNICAL SKILLS

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- **Languages:** Python
- **Tools:** VS Code, GitHub
- **Frontend:** HTML, CSS, JavaScript
- **Backend :** Django (Python Framework)
- **Databases:** MySQL
- **Core Skills:** Automation mindset, Troubleshooting, Basic cloud knowledge

## PROJECTS

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### 1. Password Generator | Python

- Built a customizable password generator using Python to create strong, secure passwords.
- Implemented options for uppercase, lowercase, digits, and special characters based on user input
- Added input validation and randomization logic to enhance security and reliability
- Designed an easy-to-use console interface for fast password creation.

### 2. Student Management System | Python, Tkinter, MySQL

- Developed a Graphical User Interface (GUI) application using Python Tkinter to efficiently manage student records.
- Integrated the application with MySQL database for storing, updating, and retrieving student details securely.
- Implemented core CRUD operations (Create, Read, Update, and Delete) with data validation and real-time field clearing.

### 3. Loading Progress Bar Animation Web App | HTML,CSS,JS

- Developed an interactive web application that displays an animated loading progress bar with dynamic percentage updates.
- Implemented custom UI styling using CSS including gradient background, container UI, and smooth progress animation using transition property.
- Built DOM manipulation logic in JavaScript to automatically update the progress bar width and percentage text in real-time using setInterval() and conditional rendering.

## EDUCATION

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### B.Tech in Electronics & Communication Engineering

KKR & KSR Institute of Technology and Sciences, Guntur - May 2025

### Intermediate (MPC)

NRI Junior College, Guntur | 2019–2021

### SSC

Z.P. High School, Savalyapuram | 2018–2019

## CERTIFICATIONS

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- Python Full Stack Course Completion - 2025