

# K. DURGA NEHA

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## EDUCATION

**Institute of Aeronautical Engineering, Hyderabad, India**

B.Tech in Computer Science and Engineering (Data Science)

*Expected graduation: June 2027*

*CGPA: 8.35/10.0*

**Narayana Junior College, Hyderabad**

Intermediate

*May 2023*

*Percentage: 93.5%*

**Geethanjali School, Hyderabad**

SSC

*May 2021*

*GPA: 10.0/10.0*

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, SQL

**Tools:** VS Code, IDLE, MS Office, Git, GitHub

**Front-End:** HTML, CSS, JavaScript, React.js

**Back-End:** PHP

## INTERNSHIPS

**Shadow Fox**

*Web Developer Intern*

*July 2025*

- Developed and deployed a fully responsive portfolio website using HTML, CSS, improving page load time by 20%.
- Version-controlled and hosted the site using Git and GitHub Pages, demonstrating end-to-end ownership of the development lifecycle and ensuring continuous accessibility and professional web presence.

**Institute of Aeronautical Engineering, Hyderabad, Telangana**

*Research Intern*

*May 2025*

- Implemented machine learning models like LSTM to improve extreme weather prediction accuracy using satellite reanalysis data.
- Analyzed traditional vs AI-driven forecasting methods, demonstrating a 15% improvement in prediction efficiency through AI techniques.

## PROJECTS

**Portfolio Website, ShadowFox (GitHub)**

*July 2025*

- Designed and developed a fully responsive personal portfolio website using HTML, CSS, and JavaScript, with a clean UI to showcase academic background, technical skills, and projects.
- Implemented cross-browser compatibility to ensure seamless user experience across devices, optimized layout using Flexbox and CSS Grid for scalable structure.
- Deployed the website using GitHub Pages, managing code with Git version control, demonstrating full-cycle web development skills from design to deployment.

## CERTIFICATIONS

Certificate on Python for Data Science – NPTEL

*March 2025*

Certificate on SQL – Kaggle

*April 2025*

Certificate Cloud Computing – Infosys Springboard

*May 2025*

Certificate on Tata Data Visualization Job simulation – Forage

*May 2024*

## CODING PROFILE

**HackerRank:** 30+ problems solved & Rank - 963972 & 3 Badges