

# Karthik S V

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## Education

### NIE Institute of Technology

Expected Jul 2024

Bachelor of Engineering in Electronics and Communication (GPA: 6.50 / 10.00)

Mysore, Karnataka

- Relevant Coursework:** Electronic devices and their applications, Operations involving Microcontrollers and microprocessors, Linear Algebra, Computational Applications (C, Assembly C, Python, Verilog HDL)

## Experience

### LearnWik

Apr 2023 - June 2023

Student Intern

Remote

- Enthusiastically delved into Python programming
- cultivating a deep understanding of coding logic.
- Successfully applying the skills like Python, tkinter, NumPy, pandas, I developed engaging GUI projects.

[Link to Certificates](#)

### Azwa Technology

Mar 2024 - Apr 2024

Software Developer Intern

Remote

- Worked in the development of HealthifyMe, a healthcare application.
- Mastered the stages of software development and databases using SQL
- Contributed to the adoption of agile methodologies, utilizing Jira and Confluence, improving team productivity by 15% through iterative development cycles.

[Link to Certificates](#)

## Projects

### Password Manager / Python, tkinter

- Developed Password manager, a desktop application involving password generator, password validator, storage module
- Designed and deployed using Python and tkinter an UI framework to enhance the user experience.
- Application is capable of generating 33 new passwords upon each request.
- It consists of an inbuilt validator capable of differentiating between Strong and weak passwords.
- There exists a Password Storage module where both URL and Password are tagged together and saved accordingly.

[Link to Source code](#)

### Tic-Tac-Toe / Python, tkinter

- Developed an interactive game with an attractive UI.
- It is a two-player game with auto-incrementation of player scores and auto-reset of board at the completion of each game.

[Link to Source code](#)

### Calculator / Python, tkinter

- Developed calculator application with an attractive UI.
- It is capable of performing basic arithmetic calculations and displaying the result.

[Link to Source code](#)

## Technical Skills

**Languages:** Python, C, Assembly C, Java, Mojo, SQL, Verilog HDL, HTML, CSS, JavaScript.

**Technologies:** Git, Jira, tkinter, PyQt6, MYSQL, NumPy, Pandas.

**Others:** Windows, Kali Linux, Microsoft 365.

## Certificates

- Python:** [Link to Certificates](#)
- Web Development:** [Link to Certificates](#)
- Problem Solving:** [Link to Certificate](#)
- Version Control:** [Link to Certificate](#)
- SQL:** [Link to Certificates](#)