

# SREENATH G

Aspiring Software Engineer

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## Summary

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Second-year IT student with practical experience building applications using C, Python, and web technologies. Strong foundation in data structures, databases, and backend development. Interested in system-level programming, AI applications, and full-stack development. Consistently building real-world projects and learning new tools independently.

## Education

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- **B.Tech IT**, SSN College of Engineering (2024–2028)
- **HSLC** — 97.8% (2024)
- **SSLC** — 99.4% (2022)

## Technical Skills

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- **Languages:** Python, Java, C
- **Web:** HTML, CSS, JavaScript, Bootstrap, Flask
- **Databases:** SQLite, Oracle
- **Tools:** Git, GitHub, Jira, VSCode
- **Platforms:** Linux (Ubuntu), Windows
- **Other:** DSA (Python), Cloud Deployment (Render)

## Projects

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- **Table Reservation System** — **C, Apache CGI** Designed a reservation system using linked lists and queues; integrated backend with a web UI using Apache CGI.
- **Weather App** — **Flask, APIs** Built a cloud-deployed weather service using Flask and third-party APIs; handled API calls and real-time data rendering.
- **Expense Tracker** — **JavaScript** Developed a local storage-based personal finance tracker with transaction add/edit/delete functionality.
- **Shopping Cart** — **JavaScript, SQLite** Implemented a simple shopping cart system with item selection and total calculation using SQLite for data storage.

- **Calculator Web App — JavaScript** Created a clean, interactive calculator supporting standard operations.
- **CLI To-Do List — Python** Built a command-line productivity tool with file-based task storage.
- **Word Scramble Game — Pygame** Developed a desktop mini-game with randomized words, timer, and scoring logic.

## Certifications

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- Full-Stack Web Development (Java) — DevTown (Nov 2024)
- Web Development — CodSoft (Jul 2025)