SHANMUKHA SRINIVAS SOMAROUTHU

Software Engineer | Aspiring Innovator

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https://github.com/shanmukha-6**|shanmukha-6 (Optional Portfolio)**

https://www.linkedin.com/in/shanmukha-srinivas-12112525b

Summary

Highly motivated and results-oriented Computer Science graduate with a strong foundation in data structures, algorithms, and object-oriented programming. Eager to leverage technical skills and a passion for problem- solving to contribute to innovative software development projects. A quick learner with excellent analytical abilities and a collaborative spirit, seeking an entry-level Software Engineer position to grow and make an impact.

Education

Bachelor of Technology in Computer Science & Engineering |

Sri Mittapalli college of engineering&Technology ,Tummalapalem, Guntur Andhra

pradesh (522019)

Graduation: May 2025

- **GPA:** 7/10
- **Grade :** A

ZPH school koppuravuru(V)pedakakani(M)Guntur(D)

- GPA: 7.7/10
- Grade : A

Sri Chaitanya junior college Guntur

- Marks:877/1000
- Grade: A

Technical Skills

- **Programming Languages:** Python, JavaScript
- **Web Technologies:** HTML, CSS
- **Databases:** MySQL
- **Tools & Platforms:** Git, GitHub, VS Code
- **Operating Systems:** Windows, Linux

Projects

1. Optimizing stock trading strategies using reinforcement learning

- Optimizing stock trading with reinforcement learning involves training an AI **agent** to make buy/sell/hold **actions** in a simulated market **environment**.
- The agent learns by trial and error, receiving **rewards** for profitable trades and penalties for losses, gradually refining its strategy to maximize long- term returns.
- This iterative process allows the AI to discover optimal trading policies that adapt to changing market conditions.

Internships / Work Experience (Optional, if applicable)

Java programming intern |BIST technologies, Andhrapradesh

June2024-August2024

- A **Java Programming Intern** assists in developing and maintaining software using Java, learning under experienced developers.
- They typically contribute to coding, testing, and debugging applications.
- This role is for those with foundational Java knowledge looking to gain practical industry experience.

Extracurricular Activities

- **Coding Club Member** | HACKERS RANK]

  o Actively participated in weekly coding challenges and competitive programming sessions.

  o Mentored junior students in basic programming concepts.

Personal profile:

- **Name:** Shanmukha Srinivas somarouthu

- **Date of birth:** 30,Aug,2003

- **Languages known:** English,Telugu,hindi

- **Fathers's name:** Somarouthu koteswararao

- **Mother's name:** Somarouthu venkateswaramma

- **Contact address:** koppuravuru ,pedakakani(M),Guntur(D**)**

I here by declare that the above written particulars are true for the best of my knowledge and belif.

Date:

Place: Guntur