

# Nagesh Tiwari

## Student

A second year student currently pursuing B.tech in Computer Engineering keen to know about Game Development and Artificial Intelligence.



### CONTACT ME

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### EXPERIENCE/PROJECTS

#### Fair Share

January 2025 - February 2025

Developed a "Fair Share" application to simplify expense tracking and splitting among groups, demonstrating proficiency in GUI development and database management using Python.

- **Interactive GUI Development (PyQt5):** Designed and implemented a user-friendly graphical interface with PyQt5, enabling users to easily input expenses, manage group members, and visualize expense distributions.
- **Robust Data Management (SQLite3):** Engineered the application's data storage and retrieval using SQLite3, ensuring persistent, organized, and secure management of expense records, group information, and user balances.
- **Functional Application Development:** Integrated the PyQt5 front-end with the SQLite3 back-end, creating a complete and functional application that automates expense calculations and simplifies the process of achieving fair financial settlements within groups.

#### .StyleForge Ai

#### Backend Developer

December 2024 - January 2025

- Developed and deployed a robust C#.NET backend for Styleforge AI, encompassing API creation, database design and implementation in Microsoft SQL Server, and seamless integration with AWS cloud services.
- Architected and maintained a high-performance backend infrastructure, ensuring efficient data flow and a smooth user experience through the development and integration of well-defined APIs within the C#.NET framework.
- Bridged frontend and backend functionalities, establishing a strong connection between the user interface and the server-side logic by utilizing C#.NET and integrating the SQL Server database into the core application architecture.

### SKILLS

C/C++  
JavaScript/Web Development  
Python  
Game Development(Godot)

### EDUCATION

#### Aldel Education Trusts St John College of Engineering and Management

Bachelor of Engineering,  
B.Tech Computer Engineering  
(Pursuing)

August 2023

Palghar, Maharashtra

- Completed HSC at Bhavans college, June 2023
- Completed SSC at Annudata Vidyalaya, Kandivali, March 2021

### OTHER

- Participated in Anveshanam 2023 Technical Paper Presentation
- Participated in Itch.io GameJam 2024