

Gurjeet Singh

US Citizen | sgurjeet627@gmail.com | (615)-578-6572 | LinkedIn: [gurjeetsinghcs](#) | GitHub: [GurjeetS27](#)

Aspiring Software Engineer | AWS Certified | Full-Stack Developer with AI & Cloud Experience. Passionate about building scalable and reliable software solutions. Strong foundation in data structures, algorithms, and cloud-native app development. Experienced with modern web technologies (React, Node.js, MongoDB) and cloud platforms (AWS). Eager to contribute to mission-driven teams building innovative solutions.

EDUCATION

Middle Tennessee State University

Murfreesboro, Tennessee

B.S. in Computer Science

Dec 2024

- o **Concentration:** Professional Computer Science
- o **Related Coursework:** Data Structures & Algorithms, SQL Databases, Data Visualization

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL, C++ (basic)

Frontend Development: React.js, HTML/CSS, Tailwind CSS, Bootstrap

Backend Development: Node.js, Express.js, REST APIs

Cloud & Deployment: AWS (Certified Cloud Practitioner), AWS Amplify, Netlify, Render, Git, GitHub, Docker (familiar)

Databases & Tools: PostgreSQL, MongoDB, Git

Tools & Platforms: VS Code, Chart.js, OpenAI API, Streamlit, Pinecone

Other Skills: Data Structures & Algorithms, Object-Oriented Programming (OOP), Automated Testing (basic), Network Programming, API Integration, Data Visualization (Plotly, Tableau)

EXPERIENCE

Software Engineer Intern (Volunteer) | [Website](#)

Nashville Gurudwara

Dec 2024 – Present

- Developed and deployed a full-stack application using React.js, Node.js, MongoDB, and REST APIs to serve a local community
- Collaborated with stakeholders to iteratively improve UI/UX and backend performance
- Deployed frontend on Netlify and backend on Render, optimizing for high availability and scalability
- Integrated basic monitoring and error logging, and refactored code using modular patterns and async handling

PROJECTS

AI Medical Compliance Checker | [Live Demo](#)

- Built an AI tool to analyze HIPAA, FDA, and Telehealth documents using **OpenAI GPT-3**, **Pinecone**, and **Streamlit** for real-time audit and compliance Q&A.
- Implemented risk scoring and document search features for compliance officers to identify and prioritize regulation gaps.
- Deployed a user-friendly web interface with structured summaries and legal reference extraction to support quick decision-making.

Smart AI Task Manager | [Live Demo](#)

- Engineered a full-stack productivity web app using React, Node.js, MongoDB, and OpenAI GPT to optimize task scheduling based on user behavior
- Integrated voice-based task creation, task analytics with Chart.js, and secure login using AWS Amplify & Cognito
- Deployed on AWS/Render, ensuring secure HTTPS communication and resolving CORS issues
- Designed with modular architecture and clean API structure, demonstrating backend/frontend integration

ACTIVITIES AND LEADERSHIP

Vice President

Murfreesboro, Tennessee

MTSU Indian Cultural Exchange

Sep 2021 – Aug 2022

- Organized and managed 10+ cultural events, engaging 100+ participants, optimizing budgets, and increasing attendance by 20% through strategic planning and outreach.

CERTIFICATIONS: AWS Certified Cloud Practitioner - 2025 Associate AI Engineer for Developers (DataCamp) - Mar 2025