Sachin Banjade

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CAREER FOCUS

Motivated Computer Science student with strong Java and object-oriented programming skills, seeking a Java Developer or related internship role. Proficient in backend development, data structures, and building full-stack applications. Eager to contribute to real-world Java projects and grow as a software developer.

EDUCATION

Graduating May 2026	**Bachelor's in computer science,** University of North Texas- Denton, TX
Dec 2022- May 2024	**Associate in Science Degree,** Dallas College-Dallas, TX
Aug 2022- Dec 2022	**Bachelor's in computer science,** Youngstown State University- Youngstown, TX

SKILLS

- Programming : JAVA, JavaScript, Python, C, C++, Web Development (HTML), CSS Angular
- Data Structures & Algorithms : Arrays, Linked Lists, Stacks, Queues, Trees, Graphs, Hash Maps, Sorting (Quick Sort, Merge Sort), Searching (Binary Search), Dynamic Programming, Greedy Algorithms, Graph Algorithms (BFS, DFS, Dijkstra's)
- Tools : Terminal, NetBeans, VS Code, Code blocks, MS Office (Word, Excel, PowerPoint), Adobe (Premier, Photoshop), Outlook, Command Prompt

Projects

- Developed an Inventory Management System in Java using Swing for the GUI and MySQL for database management, enabling product tracking, stock updates, and report generation.
- Utilized Java programming language to design and implement a backend system for credit card transactions. Incorporated concepts of data security, encryption, and database management to ensure secure transaction processing.
- Developed a File System Simulator in C++, implementing functionalities such as file creation, deletion, directory management, and disk space allocation to mimic real operating system file handling.
- Designed a Weather Monitoring System in C++, which collects and analyzes weather data, provides real-time updates, and generates reports on temperature, humidity, and precipitation trends.
- Developed a responsive habit tracking web app with goal creation, timelines, reminders, and interactive UI using HTML, CSS, and JavaScript.

EXPERIENCE

Aug 2022- Dec 2022	**Student Assistant**, Youngstown State University-Youngstown, OH

- Supported students with autism by assisting with academic challenges, social interactions, and coursework, ensuring individualized learning strategies were met.
- Maintained accurate records by tracking daily progress, documenting student performance, and collaborating with faculty for tailored educational support.

June 2020-May 2022	**SEO Assistant**, Technology Spot- Kathmandu, Nepal

- Conducted keyword research, optimized website content, and developed SEO strategies to improve organic traffic and search engine rankings.
- Monitored website performance with tools like Google Analytics, collaborating with content creators to implement SEO best practices across various platforms.

Honors & Activities   Certifications

- UNT Honors
- UNT Transfer Excellence Award
- Phi Theta Kappa
- YSU Honors Scholar Award
- YSU International Scholar Award

My Financial Game Plan
   Issued by Tressel Institute for Leadership and Teamwork, Nov 2022
My Personal Journey
   Issued by Tressel Institute for Leadership and Teamwork, Oct 2022