

Sravan Vallepalli

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EDUCATION

University of North Texas | Denton, TX

Expected May 2026

Bachelor of Science | Computer Science

Relevant Coursework: Software Programming, Algorithms, Cybersecurity, System Programming

EMPLOYMENT EXPERIENCE

Software Engineering Internship, Phi Kappa Tau

Jun 2025 – Aug 2025

- Designed and implemented a full-stack web application to track alumni donations and engagement for Phi Kappa Tau Nationals.
- Built a relational database schema to store alumni profiles, donation history, and contact information, ensuring data integrity and easy querying.
- Developed RESTful APIs with Node.js to handle CRUD operations, authentication, and reporting.
- Created responsive frontend interfaces using React so officers could search alumni, view history, and export summaries.
- Implemented analytics to help chapters plan fundraising and outreach

TECHNICAL SKILLS

Software: Visual Studio | UML | Git | VMware Workstation | Microsoft Office Suite (Excel, Outlook, PowerPoint, Word)

Programming Languages: Assembly (Beginner) | Java (Beginner) | C (Intermediate) | Python (Intermediate) | C++ (Intermediate)

Operating Systems: Windows | Linux | MacOS | Android

Certifications: Google Cloud Cybersecurity (2024) | Google IT Automation with Python (2024) | Google Cybersecurity Professional

ENGINEERING PROJECTS

Parent Portal

May 2025 - Jul 2025

- Utilized Agile methodology with team of 4 with weekly stand ups, Git version control, and peer code reviews
- Implemented secure user authentication and role-based access control to ensure data privacy
- Developed front-end features such as student progress dashboards and messaging functionality using HTML, CSS, and JavaScript
- Integrated back end services with a relational database (MySQL) to store and retrieve student records efficiently.
- Managed project tasks in Jira, creating and tracking user stories, sprints, and issue tickets to keep team on schedule.

Habit Tracker

Jan 2025 – May 2025

- Collaborated with a 4 member team to design and develop a React Native habit tracking app, Implementing Supabase backend for data storage and synchronization.
- Integrated XP system and reminder notifications to enhance user engagement, ensuring a smooth and responsive cross-platform experience.

Cloud Based Secure Password Manager

Feb 2024

- Designed and implemented a cloud based password manager using AWS Lambda, DynamoDB, and S3 for secure storage, with end to end AES-256 encryption and multi factor authentication.
- Built automated monitoring and alerting with AWS CloudWatch and GuardDuty, reducing potential security incidents by detecting and blocking suspicious IP addresses in real time.

LEADERSHIP & PROFESSIONAL STUDENT ORGANIZATIONS

UNT Phi Kappa Tau

Aug 2023 – Present