

Sravan Vallepalli

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EDUCATION

University of North Texas Denton, TX Bachelor of Science Computer Science Relevant Coursework: Software Programming, Algorithms, Cybersecurity, System Programming	Expected May 2026
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EMPLOYMENT EXPERIENCE

Software Engineering Internship , Phi Kappa Tau	Jun 2025 – Aug 2025
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Utilized Agile methodology with team of 4 with weekly stand ups, Git version control, and peer code reviewsImplemented secure user authentication and role-based access control to ensure data privacyDeveloped front-end features such as student progress dashboards and messaging functionality using HTML, CSS, and JavaScriptIntegrated 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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
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