Karthikeya Pullemla

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CAREER PROFILE

Motivated Computer Science undergraduate at the University of North Texas, graduating May 2027. Strong foundation in software development, cloud platforms, and cybersecurity. Skilled in programming, teamwork, and problem-solving. Seeking internships to apply expertise, contribute to innovative projects, and gain valuable hands-on industry experience.

EDUCATION

University of North Texas | Denton, TX **Expected May 2027**
Bachelor of Science | Computer Science |Minor: Cybersecurity GPA: 4.0
Relevant Coursework: Software engineering, Foundation of Cybersecurity, Data Structures and Algorithms, Technical writing

TECHNICAL SKILLS

Programming Languages: Python| Java | C | C++ | HTML | CSS | JavaScript | TypeScript | SQL |
Technical Foundations: DSA | OOP | SDLC | Git/GitHub | CI/CD Pipelines
Framework: ReactJS | NodeJS | Flask | FastAPI | Material UI | Restful APIs
Libraries: Pandas | Numpy | SciKit Learn | PyTorch | Matplotlib | Seaborn | XGBoost
Software: VS Code| Visual Studio | UML | Git | AWS | Linux | JIRA | PowerShell | Unix | Microsoft Office| YAML
DevOps & Tools: AWS | Docker | Kubernetes | Jenkins | Terraform | Ansible | GitHub Actions | JIRA | VMware
Databases: MySQL | PostgreSQL | MongoDB | SQLite
Operating Systems: Windows | Linux | MacOS
Soft Skills: Teamwork | Problem-solving | Communication | Time-Management | Attention to Detail

CERTIFICATIONS

Google IT Automation with Python Specialization – **Google** | Dec 2024
IBM DevOps – **IBM** | Aug 2025
Google Foundations of Cybersecurity – **Google** | Jan 2025

ENGINEERING PROJECTS

Student Grade Management System
- Developed a C++ program to manage student grades using structures and files, implementing functionalities such as adding, removing, displaying, searching for student records, and exporting results to a disk file.
- Implemented file I/O operations, dynamic memory allocation, and modular programming to build a well-structured codebase with separate main, function, and header files.

City Simulation Developer
- Assisted students in resolving technical challenges involving software, hardware, and networking, ensuring seamless lab operations and improved user experience.
- Guided students in using programming tools, IDEs, and version control systems like Git/GitHub.

EMPLOYMENT EXPERIENCE

IT Support Assistant – Computer Labs May 2024 – Present
- Assisted students in resolving technical challenges involving software, hardware, and networking, ensuring seamless lab operations and improved user experience.
- Guided students in using programming tools, IDEs, and version control systems like Git/GitHub.

Technical Support Assistant – University Library Dec 2023 – May 2024
- Provided technical support for library equipment and software to ensure smooth functionality.
- Participated in the testing and evaluation of software upgrades and new library technologies.

LEADERSHIP & PROFESSIONAL STUDENT ORGANIZATIONS

UNT Computer Science Club Aug 2023 – Present
UNT Cyber Security and Information Club Jan 2024 – Present

AWARDS/SCHOLARSHIPS/GRANTS

- Academic Excellence Award, $4000 per semester Aug 2024
- UNT President's List, Dean's List
- National Society of Leadership and Success Award May 2025