

Pranitha Gaddam

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PROFESSIONAL SUMMARY

Full-stack Software Engineer graduating in **Dec 2025** with experience building and optimizing platforms for **35,000+ daily users**. Experienced across **front-end** (Angular, React), **back-end** (Spring Boot, Node.js), **databases** (SQL and NoSQL) and **DevOps** (Azure, Kubernetes). I enjoy exploring new tools, solving complex problems, and turning promising ideas into reliable, scalable systems.

EDUCATION

University of North Texas

Denton, TX

Bachelor of Science in Computer Science

Aug. 2021 – Dec. 2025

- **Cumulative GPA: 3.95** | Awarded academic merit scholarship
- Certificate in Cybersecurity
- Relevant Coursework: DSA, Software Engineering, Operating Systems, Computer Networks, Database Systems, AI

TECHNICAL SKILLS

Languages: Python, Java, C++, C#, JavaScript, TypeScript, SQL, HTML, CSS, Bash

Frameworks & Libraries: Spring Boot, Node.js, Express.js, React, Angular, Next.js

Databases & Tools: PostgreSQL, MySQL, MongoDB, Elasticsearch, Redis, Git, Postman, Figma, Unix/Linux

Cloud/DevOps: Kubernetes, Docker, Microsoft Azure, AWS, CI/CD pipelines

EXPERIENCE

Application Development Intern

May 2025 – July 2025

J.B. Hunt Transport Services, Inc.

Lowell, AR

- Developed a new platform UI feature using **Angular** and the company's design system, improving usability for **35,000+ daily users** at a Fortune 300 enterprise and contributing to a projected **\$250K** operational savings.
- Integrated **RESTful APIs** to deliver real-time data and optimized **Spring Boot/Quarkus** microservices handling high-volume requests, improving query performance in **MongoDB** and **Elasticsearch**.
- Implemented **Redis caching**, reducing API response times by over **90%** and enabling low-latency access to frequently queried data.
- Deployed containerized services through **Kubernetes CI/CD** pipelines on **Azure**, ensuring production reliability with **canary** releases and **comprehensive testing** (JUnit, Jest, Cypress).
- Collaborated in fast-paced **Agile** workflows and leveraged tools like **GitHub Copilot** to accelerate delivery.

PROJECTS

Portfolio | *TypeScript, Next.js, Tailwind CSS, Vercel*

Aug 2025

- Built and deployed a modern, responsive portfolio with a **Three.js 3D particle** background and dark/light mode.
- Implemented custom **shadcn/ui** components, **Framer Motion** animations, and a secure contact form.

Accessibility Plugin for Unity | *C#, Unity Hub*

Jan 2025

- Developed a Unity plugin implementing **14 accessibility checks** to help teams build more inclusive experiences.
- Integrated **text-to-speech** via **Amazon Polly** and auto-generated **CSV/Excel** reports summarizing pass/fail results, reducing manual QA steps by approximately **60%**.

Indoor Navigation System | *JavaScript, Bootstrap, MySQL, Figma, QGIS, JOSM*

May 2024

- Built a **multi-floor** routing system for UNT's engineering building and demoed at a tech showcase.
- Utilized **open-source** tools, **built routing algorithms**, and achieved **95%+** match to expected paths in testing.

Automated File Downloader | *Python, Google Drive API, OAuth2, GCP*

Dec 2023

- Programmed a **Python** script to **automate Google Drive folder sync** with local storage using **OAuth2** authentication, reducing manual effort by almost **90%** and enabling 24/7 unattended execution via Task Scheduler.

LEADERSHIP

UNT Eagle Ambassador

Aug 2024 – May 2025

- Led campus tours for groups of up to **70** prospective students and represented the university at special events.
- Promoted to **Shift Lead** within 5 months; trained and mentored **9** new ambassadors.