Jisnu Gujjalapudi Madhusudan

Full Stack Developer | Network Systems Engineer

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EDUCATION

Master of Engineering in Computer Science   **Sept 2024 – June 2026**

Oregon State University, Corvallis, OR | GPA: 3.65/4.00

Relevant Coursework – Parallel Programming, Database Management Systems, Analysis of Algorithms, Computer Architecture

WORK EXPERIENCE

Network Operations Technician (Student Role)   **Mar 2025 — Present**

Oregon State University – University of Information Technology, Corvallis, OR

- Support **Layer 1/Layer 2 network infrastructure** across **170+ academic and residential buildings**, assisting with deployments, upgrades, and troubleshooting.
- Perform fiber/copper patching, configure network devices, and document infrastructure using **NetBox** while resolving service requests via **ServiceNow**.

Software Developer   **Feb 2022 — Aug 2024**

Gpi Engineering India Pvt Ltd, Bengaluru, India

- **Enhanced TankDesign engineering application** with new features across **AngularJS + RxJS frontend**, **C#/.NET backend**, and **MySQL database**
- Designed and implemented **reusable AngularJS components**, optimized **UI workflows**, and enhanced usability, resulting in a smoother experience for engineering teams.
- Developed and maintained the **API layer in C#**, integrating with **ERP (Ridder IQ)** and external engineering tools to **automate pricing workflows** and improve consistency.
- Collaborated with **distributed teams** in the **Netherlands, Poland**, and **Ukraine** to plan features, resolve dependencies, and ensure seamless integration across systems.
- Delivered features under tight deadlines while maintaining **code quality**, **scalability**, and **performance** best practices.
- **Promoted from intern to full-time** ahead of schedule based on technical contributions, problem-solving ability, and consistent delivery of high-impact features.

PROJECTS

Personal Portfolio Website | jisnugm.com

- Built and deployed personal portfolio using Next.js, Tailwind CSS, and Vercel. Implemented SEO best practices and responsive design to improve performance and engagement.

Sero | Full-Stack Discord Bot Project

Collaborative Project

- Built modular bot and API services with Discord.js, PostgreSQL, and Redis in a Dockerized monorepo.
- Led backend/API development and implemented seed automation, semantic commits, and ticket-based workflows.

SKILLS

Languages & Frameworks: JavaScript, TypeScript, React, Next.js, AngularJS/Angular, Svelte, C#, .NET, C, C++, Python, HTML, CSS, SCSS, Tailwind CSS, Bash, Jinja, Django, Flask, RxJs, Vite

Databases & Storage: MySQL, PostgreSQL, MongoDB, Redis

Tools & Platforms: Git, Docker, Vercel, Azure DevOps, Figma, Postman, Bruno

Cloud, DevOps & Methodologies: CI/CD, Agile, Scrum, DevOps practices

Core Competencies: Full-Stack Development, API Integration, UI/UX Enhancements, ERP Connectivity, Performance Optimization