

MOHITH TUMMALA

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Motivational student pursuing a Master's in Applied Computer Science at SRH University Heidelberg with a specialization in UI/UX Development, Full Stack Development, and IT Security, eager to gain practical experience and contribute meaningfully to innovative projects. Hands-on experience in developing secure user-centric applications. Passionate about Full Stack Software Development, IT Security, Development and Operations.

[LinkedIn](#) | [GitHub](#)

WORK EXPERIENCE

Network Administrator *Diebold Nixdorf, India* [03/2022 – 05/2023]

City: Hyderabad | **Country:** India | **Website:** srh-university.de | **Name of unit or department:** Product

- Monitored network traffic, performed port scanning, and ensured ATM/POS system security in compliance with regulatory standards
- Diagnosed and resolved network issues by collaborating with Incident Management and Cloud teams, minimizing downtime and improving connectivity.
- Managed cloud-based ERP systems, optimizing performance, and ensuring seamless integration with financial and operational components

Technical Proficiency:

- Expertise in network infrastructure management, including VLANs, firewalls, and VPNs
- Skilled in AWS, Azure, and Google Cloud for scalable cloud deployments
- Proficient in network protocols and performance monitoring tools

Cloud & DevOps Integration:

- Experience with Terraform, Ansible, and IAM for secure, automated cloud solutions

Internships

Motion Cut: Web Development Intern

- Designed and Developed a high-performance website with React, leveraging comprehensive testing, code optimization, and Material Design principles for User Interface to deliver an efficient and user-friendly experience.

Digital Lync: Full Stack Development Intern

- Developed and optimized full-stack web applications using the MERN stack, delivering responsive user interfaces, seamless API integrations, and scalable databases while collaborating with cross-functional teams in an Agile environment.

SKILLS & INTERESTS

Technical Skills

Python / Java / SQL Databases / NoSQL / Git

Web Technologies

HTML / CSS / JavaScript / React.js / Vue.js / REST API / Bootstrap / Flask

No-code and Low-code Platforms

Bubble.io / Firebase / Zapier

UX Toolkit

Adobe XD / Figma / Sketch / Notion / UXPin

Deployment

Docker / GitHub Actions / API Testing /

IT Security

Risk and Compliance / Incident Response / Authentication & Authorization / Linux Security / Port Scanning

Project Management

SLDC / JIRA / Agile Methodologies

Soft Skills

Communication and Collaboration / Quick self Learner / Adaptable / Flexible

PROJECTS EXPERIENCE

Recovery Management System In my [Lost & Found](#) platform project, I created a secure hub for university students to reconnect with their misplaced belongings using HTML, CSS, JavaScript. I engineered user authentication with bulletproof security, crafted intuitive item reporting using conditional ternary operators, and brought it all together with a fraud-resistant matching algorithm that works like a charm. Leveraging Vue.js for dynamic user experiences and Tailwind CSS for sleek.

Chat Application Developed [Namaste Chat](#) a React-based chat app for the Tourist Department with real-time communication via Socket.io, server-side authentication, and PostgreSQL. Deployed on Vercel and Heroku for scalability.

E-commerce Website Integrated Stripe API for secure payment processing in the [Happy Tails](#) implementing tokenization to safeguard credit card data and ensure seamless transactions.

Library Management System Built and tested REST APIs for a [Library Management System](#) - with full CRUD functionality, optimizing database query performance and ensuring reliability through Postman testing.

EDUCATION

Master of Science in Applied Computer Science – 1.9/5 GPA (Currently)

SRH University Heidelberg [04/2024 – Current]

City: Heidelberg | Country: Germany | Website: [srh-university.de](https://www.srh-university.de)

Bachelor of Science in Computer Science – 8.2/10 CGPA

SRH University Heidelberg [04/2018 – 08/2021]

City: Hyderabad | Country: India | Website: [osmania.ac.in](https://www.osmania.ac.in)

CERTIFICATIONS

1. AWS Cloud Practitioner (Present)
 2. Governance Risk and Compliance Mastery (The Unix Academy (09/2023 – Present)
 3. Full Stack web Development (Digital Lync – 01/2024)
 4. Generative AI - (LinkedIn – 07/2023)
 5. Introduction to Dark Web, Anonymity and Cryptocurrency (EC-Council – 07/2023)
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LANGUAGES

English Full professional proficiency – C1

Deutsch Intermediate proficiency – A2

INTERESTS

Web design, Photography