

ANJANA VOLLALA

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EDUCATION

University of Texas at Arlington, Arlington, Texas

August 2023 – May 2025

Master of Science in Computer Science

GPA: 3.67/4.0

- **Relevant Coursework:** Cloud Computing, Data Mining, Machine Learning, Software Engineering (Maintenance, Management, Quality Assurance), Advanced Topics in Software Engineering (Hands on Project), Web-Data Management, Design and Analysis of Algorithms, Distributed Systems.

Malla Reddy Institute of Engineering and Technology, Hyderabad, India

July 2018 – July 2022

Bachelor of Technology in Computer Science and Engineering

CGPA: 7.8/10.0

- **Relevant Coursework:** C, Data Structures, C++, Java Programming, Artificial Intelligence, Machine Learning, Computer Organization and Architecture, Operating Systems, Database Management Systems, Software Engineering, Computer Networks, Network Programming, Cybersecurity, Cryptography & Network Security, Data Mining, Informational Retrieval System, Principles of Programming Language, Software Process & Project Management.

TECHNICALSKILLS

- **Languages:** Python (Pandas, NumPy, Pyspark, scikit-learn, SciPy), Java, C, C++
- **Web Programming:** HTML, CSS, JavaScript (Frameworks: Angular JS, React.js), Express JS, TypeScript, Node.js
- **Database:** MySQL, MongoDB, SQLite, SQL Server, PostgreSQL
- **Technologies:** MS Excel, AWS, Azure, Google Cloud Platform, Virtual Machine, Machine Learning, Deep Learning, Artificial Intelligence, Cloud Computing, Docker, Jenkins, Kubernetes, Apache, Spark, CI/CD pipelines, Unit Testing, Integration Testing (Selenium, Postman),
- **Version Control & IDE's:** Git, GitHub & VS Code, Google Colab, Jupyter, Eclipse

PROFESSIOALEXPERIENCE

Wipro Private Limited, Hyderabad, India

August 2022 – April 2023

Java Intern

- Conducted **code reviews & mentoring**, reducing **QA phase bugs by 30%** and improving **system efficiency by 20%** and reduced **error rates by 15%** through code reviews.
- Developed a **full-stack web app** using **Angular, Java (Spring Boot) & MySQL**, and **RESTful APIs** for front-end and back-end communication, achieving **95% data consistency**.
- **Boosted page load speed by 30%** using lazy loading and caching.
- Achieved **90% code coverage** through unit and integration testing. And contributed to **Agile sprints**, ensuring smooth project execution.

Capgemini ADAPT Program, Hyderabad, India

February 2022 – July 2022

Full Stack & Cloud

- Deployed scalable applications using **Angular, Spring Boot**, and **MySQL** on GCP, reducing load times by **25%**.
- Built **CI/CD** pipelines using **Docker** and **Jenkins**, accelerating deployment cycles by **20%** and enhancing release stability.
- Delivered **90% code reliability** through unit testing, maintained **98% pass rate** with integration testing **Postman** and **Selenium**.
- Collaborated in **Agile sprints** on real-world client simulations, delivering projects with **95% on-time milestone completion**.

PROJECTS

Smart Health Hub – Online Healthcare Platform

- Designed and created a **JavaScript, PHP, and MySQL-based healthcare platform**, enhancing **patient management** with features like **appointment scheduling**, **medication reminders**, and **symptom checking**, achieving **30% higher user engagement**, **95% uptime**, and **20% fewer errors**.

Hardware link E-Commerce Website

- Built a **React.js, Node.js, and MySQL e-commerce platform** with **cart**, **Wishlist**, **login**, and **order tracking**, integrating **PayPal** and **card payments** for **25% faster transactions**, and optimizing performance for a **20% reduction in page load time**.

Inventory Management System

- Completed a **Google Cloud-based inventory system** using **JavaScript and Node.js**, achieving **40% faster data retrieval**, enabling **real-time stock updates**, and reducing **stock discrepancies by 25%**.

Stock Recording System

- Created **project scope and feasibility reports**, prepared a **Microsoft Project Plan** to improve efficiency by **30%**, and optimized cost estimation to **reduce expenses by 20%**, ensuring **100% stakeholder alignment**.

CERTIFICATIONS

- Machine Learning with Python: IBM Developers. December 2022
- Cloud Computing: IBM Developers. November 2022
- Backend Web Development with Node.js. February 2022