



Devendar Sai Thallam

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EDUCATION

Syracuse University

Master of Science, Computer Science. 3.8/4 GPA

Coursework: Design and Analysis of Algorithms, Object Oriented Programming in C++, Object Oriented Design, Operating Systems, Database Management Systems, Functional Programming.

Syracuse, NY

Jan 2021 – Dec 2022

SASTRA University

Bachelor of Technology, Electronics and Communication Engineering. 8.2/10 GPA

Coursework: Object Oriented Programming, Computer Networks, C, C++, Java.

Tamil Nadu, India

July 2014 – May 2018

WORK EXPERIENCE

Syracuse University

Software Engineer Intern

Syracuse, NY

Jan 2023 – Present

- Developed a student portal Android app using Kotlin to provide easy access to academic information, course registration, and class materials for fellow students.
- Enhanced website content for mobile use through React, optimizing the user experience.
- Proficient in Kotlin and React, effectively creating a user-friendly student portal app and improving accessibility for peers.

Syracuse University

Graduate Teaching Assistant

Syracuse, NY

Aug 2021 – Dec 2022

- Assisted Professors in "Cryptography" and "Database Management Systems" courses, helping students master advanced concepts, grading assignments, and organizing group sessions, resulting in a 15% average grade improvement for over 50 students.

Tata Consultancy Service Ltd.

Software Development Engineer

Hyderabad, India

June 2018 – Jan 2021

- Designed Java-based backend components with Spring Boot and RESTful APIs.
- Utilized Spring AOP for logging and dependency injection, implementing design patterns (MVC, Singleton).
- Developed microservices and RESTful APIs to enhance system scalability.
- Achieved a 6x increase in customer base by upgrading Akana API Management Platform, resulting in an 8x throughput improvement.

SKILLS

Programming Languages: Java, Python, Kotlin, C, C++, SQL, T-SQL, HTML, CSS, JavaScript, TypeScript, Shell Scripting, Haskell, XML, JSON, YAML, Markdown.

Mobile App Development: Android, iOS.

Tools and Frameworks: Maven, Gradle, AngularJS, NodeJS, Flask, Android Studio, Xcode, Eclipse, Spring, Spring Boot, React, Jenkins.

Version Control & Quality Assurance: Git/Github, SVN, CVS, JUnit, JIRA, Postman, Selenium.

PROJECTS

Tracking Board for Agile Team

Feb 2021 – Apr 2021

- Created a full-stack web app (AngularJS, Node.js, MongoDB) mimicking **Agile Board**, with real-time sync, enhanced UX, and rigorous testing with Karma, Jasmine, and Postman for functionality and performance.

Nachos Operating Systems Project

Feb 2022 – Apr 2022

- Enhanced Nachos OS performance and functionality through system calls, synchronization, virtual memory, and network protocols, using Java and C++.