Devendar Sai Thallam

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EDUCATION

Syracuse University   **Syracuse, NY**
Master of Science, Computer Science.   3.8 GPA   Jan 2021 – Dec 2022
Coursework: Data Structures and Algorithms, Object Oriented Design, DBMS, Operating Systems, Object Oriented Programming in C++, Java, C++, C, Advanced Computer Architecture

Sastra University   **Tamil Nadu, India**
Bachelor of Technology, Electronics and Communication Engineering.   8.2 GPA   July 2014 – May 2018
Coursework: Object Oriented Programming, Computer Networks, C++, C

WORK EXPERIENCE

Syracuse University   **Syracuse, NY**
Graduate Teaching Assistant   Aug 2021 – Dec 2022
- Worked with Prof. Andrew Lee as Teaching Assistant for graduate students' course "Cryptography".
- Worked with Prof. Ehat Ercanli as Teaching Assistant for graduate students' course "Database Management Systems".
- Provided students with one-on-one tutoring, weekly helping sessions, and regular out of class assistance.

Tata Consultancy Service Ltd.   **India**
Software Development Engineer   June 2018 – Jan 2021
- Developed API with Spring framework for the Cramer Inventory System by Agile methodology.
- Delegated workload between team members and used spreadsheets to track project progress resulting in Best Team Award.
- Built Cramer inventory System using HTML, CSS and Angular framework.
- Handled and maintained Akana API Management Platform servers, Database systems.
- Deployed new APIs with Jenkins CICD tools and supported deployment servers.
- Upgraded Akana Platform to latest version increased API requests throughput by 8 times.
- Programmed Jenkins to deploy the API in JBoss and WildFly Server independently.

PROJECTS

Implemented Nachos custom operating System   Feb 2022 – Apr 2022
- Contributed to optimization of nachos custom-based operating systems with multi-threading, scheduling.

Sentiment Analysis of COVID Data   Feb 2022 – Apr 2022
- Implemented sentiment analysis on COVID data extracted from social media websites Twitter and Facebook.

Tracking Board for Agile Team   Feb 2021 – Apr 2021
- Created an application to track and manage tasks of a project with inspiration of Agile Board.

Designed Database for Bank   Feb 2021 – Apr 2021
- Designed relational database for Bank company by dividing information into subject-based tables (entities) and adding relations between entities.

SKILLS

Programming Languages: C++, C, Java, JavaScript, SQL, Python, DBMS.
Scripting: HTML, CSS, Bootstrap, Shell Scripting.
Tools and Frameworks: Git Hub, SVN, Maven, Angular JS, Eclipse, VS Code, Spring Boot, Design Patterns.
Operating Systems: Linux/Unix/Android/MacOS/Windows.

ACHIEVEMENTS

Awarded 10% Scholarship towards master's studies.   Jan 2021
Dean's list for being in top 2% of UG batch in terms of academic performance.   2015 and 2018