Devendar Sai Thallam
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Education

M.S. in Computer Science   Jan 2021 - Dec 2022
Syracuse University, Syracuse, USA.

B.Tech. in ECE   July 2014 - May 2018
SASTRA University, Tamil Nadu, India.

Work Experience

Graduate Teaching Assistant   August 2021 – May 2022
Syracuse University

- Working with Prof. Ehat Ercanli as TA for graduate students' course CSE 581.
- Providing students with one-on-one tutoring, weekly helping sessions, and regular out of class assistance.

Software Developer   Jun 2018 - January 2021
Tata Consultancy Service Ltd.

- 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.
- Designed Angular website for managing Cramer inventory System.
- Automated tasks that can improve productivity in our team.
- Analyzed and Resolved issues in API Management Platform.
- 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 which increased the number of API requests handled by 8 times.
- Programmed Jenkins to deploy the API in JBoss and WildFly Server independently.

Projects

- Designed relational database for Flight company by dividing information into subject-based tables (entities) and adding relations between entities.
- Contributed to the optimization of nachos custom-based operating systems.
- Implemented sentiment analysis on COVID data extracted from social media websites.
- Designed an application to track and manage the tasks of a project with the inspiration of Agile Board.

Achievements

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

Courses

- Design and Analysis of Algorithms, Data Structures, Object Oriented Design, DBMS, Operating Systems, Object Oriented Programming in C++, Computer Networks, Java, C++, C, Advanced Computer Architecture

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Technical Skills

- *Programming languages:* Java, C++, C, JS, DBMS, SQL, Python.
- *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