Utkal Sirikonda

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Education

2015 - 2019   **Bachelor of Technology**, Indian Institute of Information Technology Sri City.
Secured 8.24/10.0 CGPA in Computer Science and Engineering

Experience

May - Jul 2018   **Summer Intern**, *Commscope Inc.*, Hyderabad.
- A recommendation system was developed to help Commscope's sales in improving customer experience. The obtained recommendation analysis was embedded into Commscope's sales process.

Mar - Dec 2018   **Teaching Assistant**, *Indian Institute of Information Technology*, Sri City.
- Database Management Systems.
- Applied Software Engineering.

Technical Skills

Languages   C++, Javascript
Serverside   Node.js, Expressjs
Clientside   Reactjs, CSS, HTML
Databases   MySQL, MongoDB

Projects

May 2020   **Car Rental Service** 🗗.
- A car rental API service developed using Nodejs, MongoDB cloud and Expressjs.
- The server is deployed on Heroku.

Feb 2020   **Dictionary client-server application** 🗗.
- A client-server Dictionary application is developed using Nodejs, Expressjs and MongoDB.
- The server is deployed on Heroku platform and the Dictionary database is stored on MongoDB Atlas (cloud).
- The client is a Command Line Interface tool built using Nodejs, which accesses the dictionary through REST APIs.

Nov 2019   **Online Classroom**.
- A private cloud client-server application built with Node.js.
- Video calling and management of academic resources shared on database is implemented.

Sept - Dec 2018   **Streaming Service**.
- A video streaming desktop application built with Node.js, Expressjs and MongoDB powered by AWS EC2.
- New movies are recommended to the user using collaborative filtering and content based filtering approaches applied on the given dataset.
- Authentication system is built using token based approach.

Oct - Dec **Industry Cooling System Automation** ☐.
2018   - An IoT application built with the help of AWS Cloud to monitor the heat around machines in real time and control the temperatures by actuating the cooling system automatically.
  - All the readings are sent to cloud in real time and any actuator can be operated by cloud.

Positions of Responsibility

2018 - 2019   Class Representative in Academic Council for 2019 batch at IIIT Sri City.

Mar 2019   Organizer for DOTA competition for Abhisarga 2k19.