Mounika Ravi Hospet

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EDUCATION

Master of Science: Computer Science – *3.60/4*   **Aug 2021 – May 2023**
Georgia State University **–** Atlanta, GA
Relevant coursework – Advanced Software Engineering, Web Programming, Database Systems

Bachelor of Technology: Information Technology – *8.32/10*   **Sep 2019 – Jun 2019**
Sreenidhi Institute of Science and Technology – Hyderabad, Telangana, India.
Relevant coursework – Data Structures and Algorithms, Software Engineering, Software Automation and Testing, Object-Oriented Programming

SKILLS

Programming Languages: C, Java, Python, SQL, JavaScript, Typescript, Shell Scripting, PHP, HTML, CSS.
Databases: PostgreSQL, Oracle SQL Server, MySQL.
Web Technologies and frameworks: Bootstrap, Angular, React, Flask, Spring REST, Spring Boot.
Others: Jenkins, NodeJS, Heroku, Nginx, Git, WordPress, Grafana, IBM Sterling OMS, Adobe Photoshop, JIRA.

EXPERIENCE

Graduate Teaching Assistant   **Aug 2021 – May 2023**
Georgia State University – Atlanta, Georgia
- Supervising undergraduate students and helping them with their queries in Software Engineering and Principles of Computer Science.

Systems Engineer   **Sep 2019 – May 2021**
Infosys Ltd – Hyderabad, Telangana, India
- Lead a team of 23 developers for Angular applications built as a part of the Infosys Health Platform, resulting in further collaboration with the client.
- Developed 3 demo applications that were showcased to the clients, all of which were successfully approved for production.
- Automated deployment using Jenkins and later IDP (Infosys DevOps Platform) which reduced the deployment time by 80%.
- Used 'Grafana' in the solutions development for Supply Chain Control Tower which helped decrease the time of critical issues detection by 40%.

Intern   **Feb 2019 – May 2019**
Infosys Ltd – Mysuru, Karnataka, India
- Developed a full-stack Angular application (Blogging Application) using Angular 4, Spring Boot, and Tomcat server.
- Was successfully recruited for full-time after the internship.

Intern   **Feb 2018 – May 2018**
The Sparks Foundation – Remote
- Developed a website for the company that increased the NGO's outreach by 50%.
- Awarded a certificate of appreciation for the work.

PROJECTS

Movie rating app.   **Mar 2022 – May 2022**
- Built a full-stack application using React, Flask framework where every user has a login and can leave a rating and a review about the movie they want to. Used TMDB and Wikipedia APIs for the information about movies.

Full stack Real estate trading website (Web Application)   **Apr 2022 – May 2022**
- Developed a website using HTML, CSS, JavaScript and PHP that brings together real estate sellers and buyers, where seller can post information of the houses and the buyers can view, book tour, reserve the house.

Restaurant Management System   **Oct 2021 – Nov 2021**
- Designed and developed a database for a restaurant with multiple branches using MySQL .

Earthquake Damage Prediction   **Jan 2019 – May 2019**
- Built Machine Learning model to predict the damage that a location takes in case of an earthquake using Decision Tree classifier with XGBoost.

Full stack Tour Booking and Management application (Web Application)   **Sep 2017 – Nov 2017**
- Designed and developed a full-stack application using HTML, CSS, JavaScript, PHP and tomcat server where the users can book tour tickets to places all over India and view their previous booking in their respective portals.

EXTRA CURRICULARS

- Coordinated Hackathons and conducted Design Thinking workshops as a member of **Emerging Computer Arena (ECA)** club.
- Angular certification by Infosys. (With a score of 95%)