VENKATA MANEESH REDDY KONKALA

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EDUCATION

University of Florida
Herbert Wertheim College of Engineering
MS in Computer Science
Expected Grad. June 2023

V R Siddhartha Engineering College
B.Tech in Computer Science
Graduated in May 2019
CGPA: 8.59

SKILLS

Languages:
C, Java, HTML, CSS, JavaScript, TypeScript, Python, GraphQL, F#

Frameworks:
Angular, NodeJS, PolymerJS, Agile

Databases:
MongoDB, SQL

Tools:
Git, Jira, SonarQube, Jenkins, Blackduck, Veracode

COURSEWORK

Distributed Operating Systems
Analysis of Algorithms
Fundamentals of Machine Learning

PROJECTS

Eye of Devil
An application that identifies a specific person in a crowd by using PCA to extract the facial features of the person and the others in the crowd and uses them to find a match. Achieved 80% accuracy.

EXPERIENCE

EPAM Systems - XIN Team   July 2019 – August 2021
Software Developer Engineer   Hyderabad, India

Users and License Management UI-Developed an User Interface for a Admin user to manage users and licenses by using relevant APIs.

Challenges
- Provided and implemented a solution for provisioning a license to user by communicating with concerned API teams.
- Worked on NFR tasks like code coverage improvement and application accessibility and cross browser compatibility.
- Designed custom angular components like navigation breadcrumbs, cards, toggle keys as per the client's styling conventions.

Achievements
- Chosen as Sprint Hero UNANIMOUSLY for providing and implementing solution on provisioning licenses to users.
- Automated CI/CD process using Jenkins.
- Wrote automation testing scenarios using Cucumber for end to end regression testing of application.

Data Platform UI-Developed an User Interface to visualize NEWS and Market Data information by using client's NEWS and Market Data APIs.

Challenges
- Converted the application into Progressive Web Application.
- Created generic components that allows the users to define their own set of filters to view specific NEWS or Market Data information and save them to use again by storing the filter data in MongoDB.
- Designed custom web components like HeatMap, Market Ticker, World Map, Bar graphs, Pie charts using PolymerJS and DataMaps.

Achievements
- Contributed to client's web components design team.
- Implemented pre-commit hooks for linting, commit message formatting, code coverage checks for quality assurance and code maintainability.
- Developed a custom CSV parser to convert CSV text into JSON.
- Improved unit test coverage from 65% to 92%.

EPAM Systems - RD Team   January 2019 – June 2019
Software Engineer Intern   Hyderabad, India
- Trained on Java, HTML, CSS, JavaScript, TypeScript, Angular.
- Developed a portal for students to apply for jobs at EPAM and map them to Resource Development officials for further support.
- Designed and developed a responsive web application to visualize API data using custom card components in Angular8.