

YANAGANTI JAHNAVI

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Career Objective

Dedicated Front-End Developer with a passion and over 2 years of expertise for crafting engaging, user-centric web experiences. Seeking an opportunity to leverage my expertise in HTML, CSS, JavaScript, Angular and modern front-end frameworks to contribute to a dynamic team and create visually stunning, highly functional websites and applications.

Technical Skills

Programming Languages	C, Java, Python, SQL
Web Technologies	HTML, CSS, JavaScript, TypeScript, Angular, NodeJS, Bootstrap, Jest
Database	MySQL, Oracle
Version Control	GIT
Project Management	JIRA

Professional Work Experience

Software Engineer | Renault Nissan Technology & Business Center India | October 2020 to Till Date

Project: Golden Eye Application

Golden Eye helps to build an optimized control plan which covers from product design till quality specification for mass production. Create, modify, store, and share the Process Design Technical File generated to industrialize and manufacture the mechanical parts.

- Developed and maintained web application using Angular framework.
- Implemented user interfaces based on provided designs and wireframes.
- Collaborated with backend developers to integrate frontend components with APIs.
- Utilized Angular CLI to create and manage projects, modules, components, and services.
- Implemented state management using NgRx and RxJs for efficient data flow and application scalability.
- Optimized application performance through code optimization and performance profiling.
- Good knowledge on data structures and algorithms.
- Collaborated with senior developers to implement frontend functionalities and features.
- Assisted in the development of Angular applications, following best practices and coding standards.
- Worked on unit testing and improved code coverage and to ensure code is functioning as expected.

Education

B.Tech in Computer Science and Engineering, University College of Engineering & Technology for Women, Kakatiya University. 2016 – 2020.

Academic Project

Securing Data in Internet of Things using Cryptography and Steganography Techniques.

It secures the data from intrusion during transmission. Internet of Things (IoT) is a domain where the transfer of data is taking place every single second. The security of data can be mitigated with cryptography and steganography techniques. Elliptic Galois Cryptography protocol (EGC) is used for user authentication and data privacy. Matrix XOR encoding steganography technique is used to embed the encrypted data into a low complexity image. An optimization algorithm called Adaptive Firefly to optimize the selection of cover blocks within the image. Based on the results, various parameters are evaluated and compared with the existing techniques. Finally, the data that is hidden in the image is recovered and is then decrypted.

Achievements

Received Spot Award in 2022 for my performance as a quick learner, contributed for challenging assignment for PDF report generation in Golden Eye project using PDF Make tool, and took initiative for improving code coverage.