UMA SHANKAR ANANTHARAPU

SOFTWARE ENGINEER

CONTACT

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SKILLS
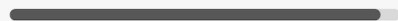
Angular

HTML

CSS

Java Script

Node JS

My SQL

EDUCATION

Kakatiya University

Bachelors of Tehnology

2015-2019

Graduated in CIVIL Engineering with an aggregate of 62.1%

Resonance Junior College

Pre-university course

2013-2015

Pursued in stream of MPC with 89.2%

Jawahar Navodaya Vidyalaya

Matriculation

2013

Matriculated in CBSE with CGPA of 8.6

PROFILE

Innovative and detail-oriented Angular Developer with over 4 years of experience in building dynamic and responsive web applications. Proficient in leveraging Angular, HTML, CSS, JavaScript, and TypeScript to create engaging user interfaces and seamless user experiences. Skilled in developing modular and scalable codebases, adhering to best practices and design patterns. Strong problem-solving abilities and a keen eye for UI/UX design. Proven ability to work collaboratively in cross-functional teams to deliver high-quality solutions on time and within scope.

WORK EXPERIENCE

Solution Leader

Brane Enterprises   Dec 2022 - Present

Project 1:- MCC Entity Builder

- Resolved numerous bugs, ensuring a stable and reliable application.
- Implemented dynamic HTML and CSS rendering for client-side dynamic pages, templates, cards, and tabs with responsive design.
- Optimized codebase for improved performance and maintainability.
- Integrated APIs for seamless communication between systems.
- Customized and implemented the Gridster package as a local module.
- Led a team, reviewed merge requests, and managed code merges.
- Collaborated effectively with UX designers and backend developers.

Project 2:- Dashboard Analytics Charts

- Utilized FusionCharts(paid) to implement a variety of chart types by referring to documentation.
- .Created custom KPI templates allowing users to dynamically generate their own templates.
- Integrated charts and dynamic templates into the dashboard page.
- Enhanced application performance with routing, services, asynchronous API calls, and component interactions for lazy loading.
- Led the team by reviewing and merging merge requests.
- Implemented dynamic HTML and CSS rendering for responsive client-side pages, cards, and templates.

Project 3:- IOT Dashboard

- Transformed a monolithic project into a Micro Front End (MFE) architecture.
- Enhanced user experience with dynamic canvas elements using Fabric and Konva packages.
- Refactored existing code for improved performance.
- Developed dynamic cards and tables, enabling on-the-fly solution creation for seamless client interaction.
- Managed the deployment of the MFE application.
- Handled team by paralelly completing the stories in the given time.

EXPERTISE

- **Frontend Development:** Proficient in building modern and responsive web applications using HTML5, CSS3, and JavaScript, including dynamic templates, cards, and tabs.
- **Angular Framework:** Extensive experience in developing applications with Angular (2+ versions), with expertise in component-based architecture, routing, and state management.
- **Testing and Debugging:** Strong background in writing unit tests, end-to-end tests, and debugging using tools like Karma and Jasmine to ensure code reliability and maintainability.
- **API Integration**: Experienced in integrating RESTful APIs and handling asynchronous data fetching methods for seamless communication between systems.
- **Micro Front End Architecture:** Transformed monolithic projects into Micro Front End (MFE) architecture, managed MFE application deployment, and optimized codebase for performance.
- **R&D and Technology Exploration:** Conducted R&D on various technologies including Three.js for advanced 3D graphics, Fabric and Konva for dynamic canvas elements, Gridster for layout management, and MQTT for camera integrations.
- **Team Leadership and Agile Methodologies:** Led teams, reviewed merge requests, managed code merges, and collaborated with UX designers and backend developers. Proficient in Agile methodologies.

Project 4:- NH Cam

- Integrated cameras with the server using MQTT.
- Managed multiple cameras from different servers.
- Implemented video recording and download functionality.

Project 5:- ICO Sphere

- Conducted R&D on Three.js for advanced 3D graphics.
- Configured interactive animations triggered by clicking points on a globe.
- Developed dynamic point generation and label mapping.
- Enabled rendering of multiple globes based on point-click interactions.
- Integrated GLTF models from Blender for seamless animations.
- Created animations using three.js with GLTF files for immersive visuals.

Sree Tech Tammina Software Solutions   *Oct 2021 - Dec 2022*

Project 1:- Career Information System

- Developed the front end using Angular 8.
- Utilized Chrome debugger and Angular developer tools for efficient debugging.
- Implemented state management with NGRX and extensively used Redux tools.
- Leveraged RxJS for reactive programming and efficient data handling.
- Ensured high performance and maintainability through best practices and modern development tools.

Project 2:- Career Trek

- Addressed bugs and implemented new enhancements.
- Optimized code using services.
- Upgraded the application from Angular 8 to Angular 13.
- Utilized developer tools for effective debugging.

Eureka IT Solutions.   *June 2019 - June 2021*

Project 1:- Reality Check NPM

- Collaborated with clients to understand and analyze requirements.
- Designed and implemented the module for university students to assess career plans based on chosen living styles.
- Developed features for selecting living styles (housing, travel, food) and filtering occupations based on user preferences.
- Conducted unit testing to ensure code quality and reliability.
- Offered end-user support and promptly resolved issues.

Project 2:- Photoshooto

- Analyzed and implemented client requirements using Angular 13.
- Developed the application's UI/UX with Tailwind CSS and the Fuse theme.
- Created the Admin module for both Printo and Photoshooto administrators.