Chilakala Naveen Kumar

Senior Software Developer

☎ **+13346696122**   @ **naveen.chilakala@gmail.com**   🔗 **www.linkedin.com/in/naveen-chilakala**   📍 **Montgomery, Alabama, United States**

EXPERIENCE

Senior Software Developer CPT

Computer Power Group, Client: Lifevantage

📅 05/2024 - Present   📍 Montgomery, Albama, United States

Company Description

- Designed modular components using Vue to ensure reusability and separation of concerns across different modules.
- Applied Vue.js directives to implement a multi-level navigation system where parent routes dynamically rendered child components based on the user context.
- Integrated a payment gateway with **Apple Pay** and **Google Pay,** including complete order information and card details modification for seamless transactions using Spring Boot Frame Work.
- Implemented an REST API auto-populate feature for addresses based on the entered pin code, minimizing user input and enhancing interaction efficiency.
- Developed hover effects, fade-in/out transitions, and page animations with hardware-accelerated CSS properties (transform and opacity) and requestAnimationFrame.
- **Implemented a dynamic box modal** to structure content while maintaining a clean UI layout.
- Integrated Stripe into a content management platform to process recurring subscription payments securely while ensuring PCI-DSS compliance. This streamlined the user experience by allowing quick checkouts and providing real-time updates on payment statuses.
- Proficient in managing SQLite3 server for lightweight database solutions, ensuring high performance and data integrity.

Software Engineer

CoMakeIt Software Private Limited, Client: Keylane

📅 05/2021 - 03/2023   📍 Hyderabad, India

Project is based on "Netherlands Pension System". The website provides information and choices to participants of how they can use their pension money.

- Architected and implemented a CMS functionality with **Vue.js, Vuex**, and **Springboot** for content management**,** integrating it with **SQLite3** to fetch and manage content via REST APIs.
- Managed the coordination of services using a **Docker** container platform with **Kubernetes**.
- Participated in **discussions with the CTO**, presenting innovative solutions to streamline content editing processes, such as updating images, text, and links directly within the application, replacing traditional, time-consuming methods.
- Provided centralized solution to handle complex choices in pension system using Redux as the central data store module.
- Configured **Kubernetes-managed load balancer** to automatically distribute incoming traffic across multiple containers in the AKS cluster, ensuring availability and scaling.
- Optimized JavaScript bundles by implementing **code splitting and lazy loading,** ensuring only essential modules are loaded during initial rendering.
- Implemented a Headless CMS with Spring Boot for content management, integrating it with GraphQL to fetch and manage content via REST APIs.
- Configured HPA for applications to dynamically adjust the number of pods. This ensured optimal resource usage during traffic spikes and maintained performance stability during periods of high demand.
- Integrated Stripe with Spring Boot and Hibernate to facilitate secure payment processing, efficiently managing customer transactions and ensuring compliance with payment standards.
- Managed business objects and resource management in the business logic tier using Spring Framework.
- Configure the CI/CD pipeline in Azure DevOps to automatically run the test suite after every code change.
- Designed and implemented dynamic, visually appealing web interfaces using Tailwind CSS, streamlining design processes and ensuring responsive layouts.
- Implemented semantic HTML for screen readers, providing keyboard navigation, maintaining color contrast ratios,and testing accessibility tools to comply with Level AA standards.

SUMMARY

Senior Software Developer with 6+ years of verifiable success in leading teams, in delivering appropriate technology solutions and in the verticals of Frontend development.

SKILLS

VueJs	Vuex	NuxtJs	Springboot
Micro Services	Design Patterns		Javascript
JQuery	Typescript	Shell Scripting	
Responsive Design	Docker	Html5	CSS3
SCSS	Vuetify	Figma	Tailswindcss
Loadash	Webpack	Strapi	NodeJs Sql
Visual Studio	Nginx	Puppeteer Framework	
CI/CD	Azure pipelines	Git	CMS
CodeMirror	MapBox	Elastic search	
Redux	NextJs	Docker	Kubernetees
Java	Rest API's	SQlite3	
Component Framework		Responsive UI	

FIND ME ONLINE

GitHub

🔗 https://github.com/ChilakalaNaveenKumar

Live Demo

Designed and developed a visually appealing frontend project with smooth animations and interactive triggers

🔗 https://chilakalanaveenkumar.github.io/frontend-project/

Repository for live demo

🔗 https://github.com/ChilakalaNaveenKumar/frontend-project

EDUCATION

Masters

Auburn university At Montgomery

📅 05/2023 - 12/2024
📍 Montgomery, Alabama, United States
- Computer Science & Information Systems

GPA
3.5 / 4.0

Bachelors of Technology

Gokaraju Ranga Raju Institute of Technology

📅 05/2013 - 06/2017   📍 Hyderabad, Telangana, India
- Information Technology

EXPERIENCE

Senior Software Developer

Modak Analytics LLP, Clients: GSK, Abbvie, Humana

📅 09/2017 - 05/2021   📍 Hyderabad, India

Featured in Gartner's Market Guide for Data Preparation Tools, 2020

- Developed a reusable **Vue.js component and** packaged it as a **private NPM plugin**, enabling global component injection and improving modularity.
- Distributed the plugin via a private repository and **local NPM registry**, allowing seamless integration across multiple Vue projects.
- Architected a framework for a **Vue.js editor** that eliminates the need for a traditional CI/CD deployment cycle. Changes are deployed dynamically, streamlining the development process.
- Crafted an intelligent **web SQL editor** with real-time, context-aware suggestions based on user input using the **CodeMirror plugin**. Enhanced user experience and productivity with dynamic, accurate recommendations.
- Developed **dynamic forms and tables** rendering various components using HTML and JavaScript as string objects. Improved flexibility and user experience with dynamic content generation.
- Implemented **CI/CD pipelines** using Azure DevOps for seamless integration and deployment. Streamlined deployment processes with Azure agents, enhancing efficiency and reliability.
- Designed and implemented a **real-time visualization tool** for client executives to monitor job performance and status. Enhanced operational efficiency with interactive charts, automated alerts, and custom reports.
- Implemented semantic HTML for screen readers, providing keyboard navigation, maintaining color contrast ratios, and testing accessibility tools to comply with Level **AA standards**.
- **Automated end-to-end testing with Node.js and Puppeteer**, allowing testers to execute test cases using JSON input without writing code.
- **I**ntegrated a fully automated testing workflow, reducing manual effort by dynamically generating test scenarios and running them in a CI/CD pipeline.
- Leveraged YAML-based configurations to define custom triggers, parallel job execution, and environment-specific deployment strategies, ensuring streamlined releases and reduced downtime during updates.
- Designed and developed Microservices Architecture to divide application into business components using Spring Boot.
- Automated testing workflows using Puppeteer and Node.js to run parallel browser instances, enabling efficient end-to-end testing across Chrome environments.