Vavilapalli Pavan Kalyan

pavankalyanv539@gmail.com
+91 9100231739
LinkedIn: https://www.linkedin.com/in/vavilapalli-pavankalyan-a8a8751b5

PROFILE

Highly experienced and proficient Front-End Developer with 4+ years of successful development of interactive web and mobile applications. Adept at identifying and resolving performance and scalability issues, staying up-to-date with emerging technologies and frameworks. Adept in collaborating with cross-functional teams and delivering projects on time and on budget. I am confident in my ability to bring valuable expertise and innovative solutions to any position.

AREAS OF EXPERTISE

- Scrum and Agile Methodologies.
- Software Development Life Cycle.
- Involved in **RESTful** API integration and UI development & testing.
- Worked with **Stand Alone** components and **Micro-Frontend** architecture & Worked With **RxJs.**
- Worked with **State Management** libraries like **NgRx.**
- Worked closely with the developers, graphic designers & business analyst for project requirements.
- Good understanding of overall web design, including usability, accessibility, and industry standards.
- Strong knowledge of modern front-end technologies and best practices.
- Experience in creating self-contained, reusable, and testable modules and components.
- Written Unit Test Cases using **Jasmine & Karma** for user behavior.

WORK EXPERIENCE:

1. Company:	**TCS**
Role	Systems Engineer
Date of Joining	From 2025 August to Present
Projects:	**Bank of America (BofA)**

Role: Agile Developer

Description:

Developed and enhanced the **Recent Vesting & Delivery** module for **Merrill** (Bank of America), implementing interactive card components that display detailed equity compensation information—including Stock Options, RSUs, SARs, Performance Shares, and LTI Cash plans. The module provides a unified view of all upcoming and recent vesting events, delivery schedules, tax implications, and payout details across multiple award types.

Roles & Responsibilities:

1. Developed and enhanced front-end modules for Bank of America's enterprise applications using JavaScript, Angular, TypeScript, HTML5, SCSS, and SPARTA.

2. Built reusable components, dynamic forms, data tables, modals, and complex UI layouts with responsiveness.

3. Worked closely with backend, QA, and business teams in an Agile/Scrum environment for sprint deliveries.

4. Followed Bank of America security and compliance standards, ensuring code quality, maintainability, and secure UI workflows.

2. Company:	**WAISL LIMITED**
Role	Sr. UI Developer
Date of Joining	From 2024 February to 2025 July
Projects:	**FIDS:**

Description :

FIDS means **Flight Information Display** inside the airports. Worked as a Project lead in UI Development. Developed KPI's (Key Performance Indicators) according to business requirements & integrated them into the FIDS Dashboard. FIDS helps to enhance the overall passenger experience.

Roles & Responsibilities:

1. Developed a scalable **FIDS** application using **Micro-Frontend** architecture to enable independent deployment and development across multiple teams.

2. Implemented **State Management** using **NgRx** to centralize application state, handle asynchronous API interactions with effects, and ensure predictable state transitions.

3. Use lazy loading, code splitting, and Optimize performance by lazy loading modules, using On Push change detection.

4. Written unit tests for components and services using **Jasmine and Karma**.

APOC :

Description :

APOC means **Airport Operational Control Center**. Worked as a Project lead in UI development. Developed KPI's (Key Performance Indicators) according to business requirements & integrated them into the APOC Dashboard. By monitoring passenger flow and managing airport resources effectively, the APOC helps to enhance the overall passenger experience. For example, the APOC can coordinate efforts to reduce wait times at security checkpoints or to manage crowds during peak travel periods.

Roles & Responsibilities:

1. Collaborated with back-end developers to ensure RESTful API integration.

2. Mentoring junior developers by providing guidance, code reviews, and sharing best practices to foster their professional growth and development.

3. Written Unit Test Cases for user behavior.

4. Given Technical Support for Business Users and participated in code reviews. Followed Scrum and Jira methodologies.

5. Identify performance bottlenecks in front-end applications and optimize code to reduce load times and improve responsiveness.

6. Use lazy loading, code splitting, and other performance optimization techniques to ensure fast load times.

7. Manage code repositories and workflows using Git, ensuring consistent version control and collaboration with development teams.

8. Integrate front-end builds into CI/CD pipelines using tools like Jenkins.

9. Document front-end architecture, components, and design systems to ensure consistent development practices across teams.

10. Keep up to date with industry standards, security regulations, and compliance requirements, implementing necessary changes in UI components.

3. Company **Innova Solutions**

Role Associate Software Engineer

Date of Joining From 2021 August to 2024 January

Projects:
   1. CAP **:**

Description:

Worked as a Front-End Developer for CAP application which facilitated Employee Life Cycle Management. CAP is related to the Consultant Portal, Assignment Portal, Timesheet Submissions, Onboarding Process, Employee interactive Portal are in an IT Organization.

Roles & Responsibilities:

1. Designing, developing, and maintaining responsive web applications using HTML5, CSS3 and JavaScript frameworks such as Angular, Vue.js.
2. Working closely with cross-functional teams including designers, back-end developers, and project managers to deliver high-quality web solutions on time and within budget.
3. Proficient in using version control systems like Git for code collaboration, branching, merging, and managing code

repositories.

4. Written Unit Test Cases for user behavior.

2. Time and Expense (T&E) Portal **:**	**Description:**

Worked as a Front-End Developer for T&E application which facilitated employees should fill their Timesheets and we will extract their timesheets, based on those entered hours they will get a salary also based on employee's state and country we are reclassifying hours because of standard, overtime and double overtime pay will vary from country to country.

Roles & Responsibilities:

1. Collaborated with back-end developers to ensure RESTful API integration.

2. I use several libraries, like Bootstrap, Prime NG, and Prime Vue for user experience according to business requirements.

3. Written Unit Test Cases for user behavior.

4. Used **Signals** and Form validation, **Custom validators**, and **Reactive Forms** for according to business requirements.

5. I gave technical support to business users and participated in code reviews. Followed Scrum and Jira methodologies.

TECHNICAL SKILLS:

Scripting Languages	• Angular, Vue JS, HTML5, CSS3, Typescript, JavaScript, NgRx(State Management) library, Sparta (BofA framework), RxJS (Reactive Extension for JavaScript) library.
Software IDE's:	• Visual Studio Code.
Version Control Tools:	• GIT.
Operating Systems:	• Windows.
Open Source Framework	• Angular Material, Prime NG, Bootstrap, Prime Vue.
Testing Tools	• Jasmine, Karma, Postman, Jira Software.
Deployment's Server's	• Jenkins, CICD.

| **Development Methodologies** | • SCRUM, Agile, Waterfall. |

EDUCATION

- **B. Tech** in Power Engineering – April 2020, GMRIT (A), affiliated Jawaharlal Nehru Technological University, Kakinada (71%)
- **Intermediate** in Mathematics and Science -2016, Narayana Junior College, Rajam (93%)
- **SSC**, Viswasanthi Vidyalayam, Rajam (9.3 CGPA)

LANGUAGES

- English
- Telugu
- Hindi

DECLARATION

I hereby acknowledge that all the above information is true and accurate to the best of my knowledge.

Place: Rajam
Date: (V. Pavan Kalyan)