

VARSHA KANDI

Frontend Developer | kandivarsha09@gmail.com | (214)641-8590

Summary

- **9+** years of experience in **web applications** and full **SDLC**, using **Agile** and **Test-Driven** methodologies.
- Expertise in web development with **ReactJS**, **JavaScript**, **HTML5**, **CSS3**, **jQuery**, **AJAX**, **JSON**, and **REST APIs**.
- Experienced with **API integrations** in **Banner** and **Colleague ERP systems**.
- Skilled in building **Single Page Applications** with ReactJS and **MVC** architecture.
- Proficient in using **Balsamiq**, **Figma**, **draw.io** for wireframing and prototyping, and familiar with IDEs like **VS Code**, **IntelliJ**.
- Experienced with **GitHub**, **Bitbucket**, **Jenkins**, **Netlify**, **Jest**, and **React-Native Testing Library**.
- Strong proficiency in **Node.js**, **Express.js**, and **MongoDB**.
- Experience building RESTful APIs with Node.js and Express.js
- Experience integrating MongoDB databases using **Mongoose** ODM library with ReactJS applications
- Possess working knowledge of **Python** and **Django** for backend development, collaborating effectively with backend teams.
- Strong team player with excellent communication skills, troubleshooting expertise, and a strong work ethic.
- Quick learner with a commitment to adapting to new technologies.

Technical Skills

Programming Languages	JavaScript (ES6), HTML 5, CSS 3, jQuery, XML
Frameworks and Libraries	NodeJS, MVC, ReactJS, Jest, React Testing Library, Express.js, MongoDB, Redux, GraphQL, Django (Familiarity with concepts)
Web Technologies	HTML, XML, CSS, JavaScript, AJAX, RESTful APIs
Tools	Visual Studio Code, Balsamiq, Figma, Webpack, NPM, Git, React-router, Postman, Insomnia, Docker, Kubernetes, Jenkins, PyCharm (Some experience)
Operating Systems	Mac OS, Windows, Linux, iOS
Other Programming Lang.	Python

Work Experience

Software Engineer
Ellucian, Rochester, NY

Dec'17 – till date

Ellucian Experience Toolkit

Description: The Ellucian Experience Toolkit is a suite of software development tools and documentation used by developers and designers to build world-class user experiences for higher education. Included within the Experience Toolkit is the Experience SDK which empowers developers to quickly build custom extensions and the Path Design System, Ellucian's visual design language and UI component library.

Responsibilities:

- Involved in grooming sessions, requirement gathering, design, development, testing, and maintenance of the toolkit, including designing and developing custom Experience Cards to replace legacy functionalities.
- Used **React.js**, **Node.js**, **JavaScript**, **Storybook**, and **Material-UI** (MUI) component library to develop and test the Experience Toolkit, ensuring consistent and responsive UI components across the platform.
- Utilized the **MERN** stack (**MongoDB**, **Express.js**, **React.js**, **Node.js**) to build a scalable and efficient Experience Toolkit.
- Utilized **Material-UI** to build a cohesive and reusable set of UI components for the **Experience Toolkit**, following best practices for component design and theming.
- Used Microsoft Visual Studio Code to build, run, and test the Experience Toolkit.
- Employed Agile methodologies, actively participating in sprint planning and reviews.
- Fixed bugs related to User Interface functionality reported by internal teams and clients and tested the toolkit for Quality Assurance before each release.
- Involved in writing test cases for Quality Assurance for the Experience Toolkit and Experience Cards.
- Performed Regression tests, unit tests, and Visual Regression tests, which involved Storybook screenshots.
- Used Postman to test headless servers and ensure API functionality.
- Created wireframes using **Balsamiq** and designed icons with **Figma** for the toolkit and Experience Cards.
- Built, tested, and deployed the Developer Experience platform using **React.js**, **Node.js**, **Material-UI**, **Ellucian Path Design System**, **JavaScript**, **Jenkins**, and **Docker**.
- Developed React services and integrated them with RESTful APIs, using React HTTP Client to handle GET/POST requests for fetching data, and PUT/DELETE requests for updating and deleting data from the server.

Ellucian Developer Experience Platform

Description: The Developer Experience Platform guides developers through Ellucian's rich ecosystem while providing a developer focused approach to features that will facilitate the development journey from inception to implementation. Designed with the developer in mind, the Developer Experience will eliminate developer toil by fostering creative innovations, efficient development processes, and effective technical solutions.

Responsibilities:

- Actively participated in grooming sessions, requirement gathering, design, and testing of the **Java Integration SDK** and **.NET Integration SDK**.
- Utilized **GitHub** and **SourceTree** for version control, ensuring codebase changes and documentation are reviewed and updated effectively.
- Adhered to **Agile** methodologies to streamline the development process for the Developer Experience Platform.
- Contributed to the development of user interfaces for internal teams' **API** Version Control and API Registry.
- Employed **React.js**, **Node.js**, **Ellucian Path Design System**, **JavaScript**, **Jenkins**, and **Docker** for efficient building, testing, and deployment of the platform.
- Developed React services and integrated them with **RESTful APIs**, utilizing React Http Client to send **GET/POST** requests and fetch data from the server.

- Implemented seamless **integration** with **Banner**, **Colleague**, and Business Process **ERP** systems to enhance data exchange and functionality.

Ellucian Ethos Platform

Description: Ellucian Ethos Platform is an innovative software platform which accelerates delivery and enables consistency across all Ellucian products like Banner and Colleague.

Responsibilities:

- Actively collaborated with Ellucian Ethos stakeholders to provide seamless integration support.
- Facilitated efficient development by granting partners access to sandbox environments.
- Created Postman collections with **REST API** calls to assist partners in their integration development.
- Utilized **REST APIs** to perform **CRUD** operations (Create, Read, Update, Delete) on HTML requests.
- Developed clear and concise documentation to guide Ethos partners and customers through the integration configuration setup.
- Conducted thorough testing of API calls using **Postman**, **GraphQL** playground, and **Insomnia**.
- Resolved environmental issues, API call problems, GraphQL queries, and any other integration-related challenges.
- Generated test data for partners using API calls, Banner forms, and Colleague forms to support their integration use cases.
- Utilized **SQL** Developer to efficiently view and update existing Banner **DB** tables.
- Contributed to the enhancement of Ethos Data Models by adding custom API fields.
- Documented the Ethos Extensibility process and troubleshooting guidelines for partners.
- Implemented seamless integration between **ERP** systems and APIs to optimize data flow and operational efficiency.

Front-End Developer
RJT Compuquest, IL

Sep'16 – Nov'17

1. E-Commerce Application (Online Shopping)

- Translated iOS online shopping app to a web-based solution using React.js.
- Implemented responsive UI design for seamless shopping experience across devices.

2. Real Estate Application

- Developed a web version of the real estate app using React.js.
- Integrated search functionality for finding properties based on location, cost, and property type.

3. Transport Application

- Converted the iOS transport app to a React.js web application.
- Implemented user registration, cab booking, and driver acceptance functionalities.

4. Health Care Application

- Transformed the health care app into a React.js web application.
- Developed features for appointment booking and appointment history tracking.

5. ClassCalc Application

- Adapted the ClassCalc app for web using React.js.

- Implemented functionalities for professors to manage classes and tests, and for students to access course materials.

6. BloomKids Application

- Converted the BloomKids app to a web-based solution using React.js.
- Implemented features for parents to find sport buddies for their kids and schedule playdates.

Responsibilities:

- Converted iOS mobile applications into responsive web applications using **React.js**.
- Implemented React components to replicate the UI design of the iOS apps.
- Managed state and data flow within React components for user authentication and API interaction.
- Integrated RESTful APIs for fetching and submitting data.
- Developed the front-end components of the toolkit using React.js, leveraging its state management capabilities with **Redux**.
- Created and maintained the back-end API layer using **Node.js** and **Express.js**, ensuring seamless communication with the front-end.
- Implemented **MongoDB** as the database solution, managing data persistence and retrieval efficiently.
- Utilized **React Router** for navigation between different screens.
- Employed **CSS** for styling and ensured cross-browser compatibility.
- Followed agile methodologies and participated in sprint planning and daily standups.
- Conducted unit tests using Jest and React Testing Library for ensuring code quality.
- Deployed web applications to production environments using Netlify and Jenkins.

Front-End Developer
Expedent, TX

Jan'16 – Aug'16

Description: Corporate Recruitment Management System (CRMS) is an online recruitment system that allows Job seekers to apply for jobs. CRMS will automatically send mails to all job seekers whose skills are matched with the requirements.

Responsibilities:

- Gathered requirements and conducted analysis based on client specifications.
- Designed and developed the user interface using **React.js** for front-end development.
- Utilized **CSS**, **HTML**, and **JavaScript** as front-end web development tools.
- Implemented business logic by developing components with **React.js**.
- Worked with a team of developers in the design and development of complex web applications using React.js, Redux, and other front-end technologies.
- Implemented best practices for code quality, performance optimization, and responsive design to enhance user experience and achieve business goals.
- Collaborated with UI/UX designers, product managers, and backend developers to translate requirements into functional and intuitive user interfaces.
- Worked with Backend developers utilizing **Python** and **Django** to build robust and scalable backend services.
- Familiar with Python and Django concepts. Some experience with **PyCharm** tool.
- Contributed to architectural decisions and participated in sprint planning, retrospectives, and daily stand-ups as part of Agile development process.

- Successfully delivered the project on time and within budget, exceeding client expectations and receiving positive feedback.
- Interacted with clients to better understand their requirements and actively participated in meetings to ensure project alignment.

Education

- Master of Science in Computer Science | Sam Houston State University | **2015**
- Bachelor of Engineering in Computer Science | Osmania University | **2013**