

# JEGAN SEKAR

## Full Stack Developer

Email: [jegansekar112@gmail.com](mailto:jegansekar112@gmail.com) | Phone: +91-7339628860 | Location: India | LinkedIn: [linkedin.com/in/jegan-s](https://www.linkedin.com/in/jegan-s) | Availability: Open to relocation and remote opportunities

### PROFESSIONAL SUMMARY

Experienced Full Stack Developer with 2+ years of expertise in React.js, Next.js, Python, and Flask development. Specialized in building scalable, responsive web applications using Redux for state management, Tailwind CSS for styling, and Webpack for bundling. Proven track record in creating maintainable UI components, implementing responsive designs, and optimizing application performance. Strong backend development skills with Python, Flask, and Apache Kafka integration. Strong problem-solving skills with experience in cross-functional team collaboration and agile development methodologies.

### TECHNICAL SKILLS

<b>Frontend Technologies:</b>	React.js, Next.js, JavaScript (ES6+), HTML5, CSS3
<b>Backend Technologies:</b>	Python, Flask, Node.js, RESTful APIs
<b>State Management:</b>	Redux
<b>Styling &amp; UI:</b>	Tailwind CSS, Responsive Design
<b>Build Tools:</b>	Webpack, Babel
<b>Data Processing:</b>	Apache Kafka, Real-time Streaming
<b>CI/CD &amp; DevOps:</b>	GitHub Actions, GitLab Runner, Kubernetes, AWS Services, Firebase, Docker
<b>Methodologies:</b>	Agile Development, Cross-functional Collaboration, Problem Solving

### PROFESSIONAL EXPERIENCE

#### Full Stack Software Engineer

*Nextenti Tech Private Limited | Hyderabad, India | April 2025 – Present*

- Developed and maintained scalable React.js applications with Redux state management, achieving 95% code coverage and reducing debugging time by 40%
- Built responsive user interfaces using Tailwind CSS, implementing mobile-first design principles and ensuring cross-browser compatibility
- Optimized frontend performance using Webpack bundling and code splitting, reducing initial load time by 35%
- Addressed SEO challenges in React.js CSR applications by implementing Next.js for SSR on critical pages, improving search engine visibility by 60%
- Developed backend APIs using Python and Flask, reducing server response latency by 30% and improving system performance
- Integrated Apache Kafka for real-time data streaming, increasing event throughput by 60% across distributed systems
- Implemented GitHub Actions for CI/CD pipelines, reducing deployment time by 45% and improving release reliability
- Collaborated with design and backend teams to deliver seamless user experiences and API integrations

#### Full Stack Product Engineer

*Smartail Tech Private Limited | Chennai, India | March 2024 – March 2025*

- Developed responsive web applications using React and JavaScript, reducing page load time by 35% and increasing user engagement by 50%
- Implemented client-side caching strategies using localStorage and sessionStorage, reducing frontend latency by 30%

- Applied Tailwind CSS for rapid UI development and consistent design system implementation
- Built scalable component architecture with proper state management using Redux
- Developed RESTful APIs using Python and Flask, enabling real-time data synchronization and reducing server response latency by 30%
- Integrated Apache Kafka for asynchronous messaging, enhancing system throughput by 50%
- Streamlined CI/CD workflows using GitLab Runner, decreasing release cycle duration by 35% and improving development efficiency
- Ensured responsive design across all devices and screen sizes, improving mobile user experience by 40%
- Collaborated with cross-functional teams including designers, backend developers, and QA specialists

### Software Engineering Intern

*Smartail Tech Private Limited | Chennai, India | October 2023 – March 2024*

- Developed RESTful APIs using Node.js and Python, reducing server response latency by 30%
- Assisted in frontend development using React and modern JavaScript practices

## KEY PROJECTS

### AI-Powered Job Recommendation Platform

*Technologies: React.js, Redux, Tailwind CSS, Python, Flask, Apache Kafka, Webpack*

- Built personalized job recommendation platform using React.js with Redux for state management
- Developed backend APIs using Python and Flask for job data processing and user recommendations
- Integrated Apache Kafka for real-time job updates and user activity streaming

## EDUCATION

### Bachelor of Computer Science

*Alagappa University | Karaikudi, India | July 2019 – June 2022*

GPA: 7.65/10.0 | Relevant Coursework: Data Structures, Algorithms, Software Engineering, Database Management, Web Development

## KEY ACHIEVEMENTS

- Improved frontend performance by 40% through Webpack optimization and code splitting
- Enhanced user engagement by 50% through responsive design implementation and Tailwind CSS styling
- Improved search engine visibility by 60% through Next.js SSR implementation for SEO optimization
- Delivered 100% of project tasks on schedule through effective problem-solving and team collaboration