VENKAT

PROFESSIONAL SUMMARY

- Full Stack Developer with strong experience in JavaScript and TypeScript, developing scalable web applications using React.js, AngularJS, Node.js, and Express.js.
- Proficient in building RESTful APIs with Express.js, integrating backend services with dynamic frontends using, vue.JS, React or Angular.
- Built single-page applications (SPA) using React.js and AngularJS with efficient state management (Redux, Context API, RxJS).
- Experienced in backend development with Node.js + Express, including API routing, middleware design, authentication (JWT, OAuth), and error handling.
- Designed and implemented modular, reusable Express.js routes and controllers, following MVC or clean architecture patterns.
- Developed full-stack applications using the MERN and MEAN stacks (MongoDB, Express, Angular/React, Node.js).
- Worked with both SQL and NoSQL databases (PostgreSQL, MongoDB) and implemented database schemas, relations, and query optimization.
- Deployed full-stack applications to Render, Heroku, or AWS EC2, with automated builds, logging, and environment configuration.
- Integrated third-party APIs and services (e.g. OpenAI, Firebase, Stripe) and handled error-resilient API consumption via Axios or Fetch.
- Familiar with Apollo GraphQL, Express.js, Next JS, including CORS, and input validation.
- Extensive experience on implementing High charts, High stocks, D3.js, Billboard.js, chart libraries.

TECHNICAL SKILLS

Languages & Frameworks	HTML5, CSS, JavaScript, jQuery, Require JS, Bootstrap, Angular JS, React JS, High charts, Visual Studio, Hadoop, node.js, D3.js, vue.js, Nodejs, billboard.js, Saga, React Redux, Express JS.
Databases & Data Storage	MS SQL Server, My SQL, XML, JSON, Hyper8, Meteor MongoDB, PostgreSQL, SQL.
Operating Systems	MS Windows, Mac OS. Linux
Version Control	Visual Source Safe, Stash, TFS, GitHub, Visual studio code.
Third Party Integrations	Light Speed, Blue Pay, One Ink, Verisk360, Solar Search, Google Map API

PROFESSIONAL EXPEREINCE

Pekin Insurance, Erie, PA **May 2025 – Till Date**

Full Stack Lead

Project Overview: The project involved the development of a modern, responsive digital portal for Pekin Insurance customers. The portal provides policyholders with robust self-service capabilities, enabling them to manage policies, report claims, handle billing, and access important documents—all in one place. The application was designed with a strong focus on user experience, performance, and accessibility across devices.

Responsibilities

- Designed and developed front-end components using modular, component-based architecture.
- Customized user journeys for quoting, binding, policy renewals, and claim submission workflows.
- Integrated RESTful APIs to communicate with backend services including policy, billing, and claims systems.
- Ensured accessibility compliance and optimized responsiveness and performance for desktop and mobile platforms.
- Collaborated closely with UX designers and backend developers to deliver a seamless and intuitive user experience.
- Wrote clean, maintainable, and reusable code; actively participated in code reviews and peer programming sessions.
- Supported unit testing and integration testing phases to ensure stability and performance.

Technologies Used:

Frontend: React.js, Apollo GraphQL, Type Scripting, HTML, CSS, JavaScript, React-Bootstrap, React Developer Tools

Backend: Node.js, Express.js, MongoDB

Other Tools & Integrations: Blue Pay (Payment Gateway), AWS, Git, JIRA, Confluence.

Kentucky Farm Bureau Insurance, Louisville, KY **Mar 2023 - May 2025**

Full Stack Lead/Technical Manager

Project Overview (Producer Engage, Customer Engage): Worked as part of a cross-functional development team to design and enhance digital insurance solutions for Kentucky Farm Bureau Insurance. The project focused on building responsive, customer-centric web portals that enabled users to manage their auto, home, and farm policies, process claims, and make secure online payments. The goal was to improve overall customer experience and streamline self-service functionality through modern UI design and API-driven architecture.

Responsibilities

- Developed and maintained React-based web applications using component-driven architecture and internal SDKs.
- Customized and extended digital portals for both customers and insurance agents, supporting workflows for policy management, payments, and claims.
- Implemented micro frontends and reusable components aligned with the organization's design system and brand guidelines.
- Integrated front-end applications with core backend systems for policy, billing, and claims using Cloud-based APIs and structured JSON-RPC services.
- Collaborated closely with UX/UI designers using Figma to deliver accessible, branded, and fully responsive interfaces.
- Used internal CLI tools and web console to manage the full application lifecycle from development to deployment.
- Integrated key third-party services including:
- **LightSpeed** for vehicle and driver data,
- **One Inc** for secure online payment processing,
- **Verisk360** for real-time recalculation of policy costs.
- Actively participated in Agile ceremonies including sprint planning, daily standups, and peer code reviews.

- Maintained detailed technical documentation and contributed to the shared component libraries for faster and consistent development across teams.

Technologies Used:

Frontend: React.js, Type Scripting, HTML, CSS, JavaScript, React Hooks, React-Bootstrap, React Developer Tools

Frameworks & Tools: Custom Design System, Micro Frontends Architecture, Node.js

Integrations: RESTful APIs, JSON-RPC, One Inc (Payments), Verisk360 (Cost Recalculation), Light Speed (Vehicle data)**.**

Utilities & Platforms: H2 Database, Figma (for UX/UI), JIRA, Confluence.

Development Tools: CLI-based build and deployment tools, internal app lifecycle management console**.**

CopperPoint, Louisville, KY **Feb 2020 - Mar 2023**

Full Stack Lead/Technical Manager

Project Overview (Producer Engage, Customer Engage): CopperPoint Insurance Companies is a premier provider of workers' compensation insurance, offering employers peace of mind by protecting them against liabilities arising from workplace injuries. The project focused on building a comprehensive digital portal to streamline policy management, claims handling, billing operations, and account information for both businesses and employees. The portal ensures prompt support and accessibility for injured workers, while providing a seamless user experience for employers across multiple states.

Responsibilities

- Trained and mentored junior developers on portal framework and front-end best practices.
- Gained extensive exposure to various business functionalities related to claims, policies, billing, and user contact modules on the digital portal side.
- Customized user interfaces for the Claims module based on business requirements, ensuring alignment with UX/UI guidelines.
- Designed and developed dynamic Accounts components featuring tabs for "Recently Viewed," "Recently Created," and "Commercial" accounts across multiple states.
- Built a Policies Dashboard with interactive tiles for "Recently Viewed," "Policies In Force," "Recently Issued," and more.
- Developed and implemented the Submission Intake module for initiating new policy applications.
- Created a Claims Component with intuitive views for "Open Claims," "Closed Claims," and "Recently Viewed Claims."
- Actively participated in debugging sessions; resolved issues found during QA testing and addressed post-production defects logged in Jira.
- Collaborated with clients to clarify requirements and participated in daily Scrum meetings.
- Provided technical support to junior developers, helping unblock issues and guiding them through development challenges.
- Assigned tasks, monitored progress, and ensured timely completion of deliverables by the development team.

Technologies Used:

Frontend: React.js, Type Scripting, React-Bootstrap, HTML, CSS, JavaScript, React Hooks, Storybook

Backend & Integration: Node.js, Express, RESTful APIs, BluePay (payment integration), Edge APIs, Solar Search

Other Tools: Google Maps API, Jira, Confluence**.**

Database: MongoDB

Additional Skills: Component-based UI development, state management, API integration, UI debugging, code reviews.

Price Water House Coopers Information Technologies Co., Ltd, IND **Dec 2015 - Feb 2020**
Full Stack Lead/ Senior Tech Lead

Project 1: Third Party Tracker (TPT) – Panasonic

Responsibilities
- Built dashboards (fraud, alerts, rules, transactions) with D3.js & Billboard.js.
- Developed home page and key modules (Regions, Review Codes, Outcomes, Case Details) using React Hooks, Node.js, Bootstrap.
- Conducted requirement discussions and collaborated with UI designers.

Technologies: React.js, Node.js, ES6, Postgres, D3.js, Billboard.js, Survey.js, Bootstrap4, HTML5, CSS3, JavaScript.

Project 2: Business OS (Google App)

Responsibilities
- Implemented dispatcher views: calendar (ticket status) & map (engineer tracking).
- Integrated Google Maps with custom markers, headshots, and zoom functionality.
- Built multi-user login, skillset screens, progress bars, and popups.
- Created MongoDB collections for users, engineers, and tickets.

Technologies: React.js, Meteor, MongoDB, Material-UI, Google Maps, REST APIs, CSS3, JavaScript.

Project 3: Chronicle App

Responsibilities
- Developed user management modules for internal and external users.
- Created Angular services, controllers, model popups, and form validations.
- Fixed CSS/UI issues and formatted legacy code.

Technologies: Angular JS, Node.js, REST APIs, Bootstrap, jQuery, HTML5, CSS3, Gradle, Gulp.

Project 4: Application Request Process (ARP)

Responsibilities
- Led UI development for client/manager workflow handling donation approvals.
- Built status-based request tracking (In Progress, Approved, Rejected).
- Designed responsive layouts and approval screens.

Technologies: Node.js, PostgreSQL, Bootstrap, jQuery, HTML5, CSS3, JSON/JSONP.

Projects 5–9: Orion, Fast, Panasonic, Cronos, Cronos Deepwater

Responsibilities
- Created reusable components and Bootstrap templates.
- Built dynamic dashboards and visualizations (bar, column, scatterplots) using D3.js.
- Implemented responsive UI, Tableau dashboards, and API integrations.

Technologies: React.js, Vue.js, Redux-Saga, Node.js, D3.js, REST APIs, PostgreSQL, Bootstrap, jQuery.

GFK, IND **Apr 2013 - Dec 2015**
Senior UI Developer/Software Engineer

Responsibilities
- Designed and developed interactive UI components and dashboards for marketing research portals.
- Analyzed JSON data, created custom JavaScript widgets, and implemented export functionality.
- Worked on library/component overrides, data requests, and visualization using D3.js & High Charts.
- Collaborated with clients in daily Scrum meetings and prepared technical design documents.

TNS, IND **Oct 2011 - Apr 2013**
Software Engineer

Responsibilities
- Developed a web-based intranet system for estimating project budgets and automating financial integration with Maconomy.
- Built custom JavaScript widgets, UI components, and Ajax-based workflows to streamline cost estimation.
- Designed and enhanced user interfaces, prepared technical design documents, and analyzed JSON/Web Service data.

Technologies: JavaScript, jQuery, VBScript, Classic ASP, .NET, SQL Server, HTML5, CSS3, JSON, Ajax, Web Services.

EDUCATION
Bachelor of Computer Science and Engineering, 2006.