

Sr. Software Developer

Kiran Revally

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Location: Merrimack, NH.

Professional Summary:

- Over 8+ years of experience in the field of IT with a strong emphasis on the complete application lifecycle, including designing, analyzing, developing, and delivering software functionalities while following industry standard methodologies.
- Specializing in Angular 17, TypeScript, and modern front-end frameworks, ensuring the development of high-performance, scalable, and maintainable web applications.
- Strong knowledge of Object-Oriented Concepts (OOP), Object-Oriented Design (OOD), and Object-Oriented Analysis (OOA), with hands-on implementation experience.
- Experience in designing and developing enterprise applications using modern JavaScript frameworks, including Angular, React, and Node.js, ensuring seamless front-end and back-end integration.
- Extensive experience working with Kubernetes for container orchestration, automating application deployment, scaling, and management in cloud and on-premises environments.
- Expertise in Jenkins CI/CD pipelines, automating software builds, testing, and deployment to enhance development efficiency and minimize manual interventions.
- Strong hands-on experience with continuous integration (CI) and continuous deployment (CD), optimizing middle-layer interactions with backend microservices and databases.
- Proficient in working with relational (PostgreSQL, MySQL) and NoSQL databases (MongoDB, DynamoDB), implementing efficient queries, indexing, and performance tuning.
- Hands-on experience implementing state management solutions like NgRx, ensuring efficient handling of complex application states and seamless data flow.
- Worked extensively with CSS frameworks including Bootstrap, Tailwind CSS, ensuring responsive and accessible web designs with modern UI/UX best practices.
- Experience in API integration and RESTful service consumption, ensuring smooth data exchange between frontend applications and backend services.
- Proficient in version control tools such as Git, GitHub, and Bitbucket, ensuring efficient code collaboration, branch management, and conflict resolution.
- Deep expertise in writing unit and integration tests using frameworks such as Jest, Cypress, and Jasmine, ensuring code quality, maintainability, and reliability.
- Worked in Agile/Scrum environments, participating in sprint planning, daily stand-ups, retrospectives, and code reviews, ensuring timely project delivery.
- Experience with AWS services (EC2, S3, Lambda, API Gateway, DynamoDB, IAM) for deploying and managing scalable cloud applications.

- Skilled in developing secure web applications, implementing authentication and authorization mechanisms using OAuth2, JWT, and AWS Cognito.
- Strong debugging and troubleshooting skills, using browser developer tools, logging frameworks, and monitoring solutions like Prometheus, Grafana, and ELK Stack.
- Hands-on experience working in Linux-based environments, with proficiency in shell scripting, process management, and server monitoring.
- Implemented custom directives, pipes, and reusable UI components using Angular 17 and TypeScript, optimizing front-end performance and reusability.

Technical Skills:

Programming Languages	Java, JavaScript, TypeScript, Ruby
Node/UI Frameworks	Angular (Version 17), Angular Material, RxJS, NgRx, Mongo, Express and Node, Swagger, Swagger-Express Middleware, Hapi, Swagger tools, ES6, Mongoose
Node IDE	Web Strom, Atom and Sublime
Web Technologies	Node JS, Angular, React JS, HTML, JSON, AJAX, CSS, SASS, jQuery
Containerization	Kubernetes, Docker
Automation	Terraform, Helm, Ansible
Web/App Servers	Web Sphere 8.0/6.1/5.1, Web Logic 7.1, SunJES, Tomcat
Version Control and Repositories	Subversion, IBM CMVC, GitHub, Nexus, Git, Bitbucket, Gitlab
Continuous Integration	Jenkins, GitHub Actions, GitLab CI/CD
Build Tools	Ant, Maven, Grunt, Web pack, Gradle
Operating Systems	Windows 2000/NT/ XP/Vista/7 and Linux, UNIX, AIX, Solaris, Mac OS X
Development IDE	Android Studio, VS Code, XCode
Project Management Tools	Redmine, XPlanner, JIRA, Version One
JMS Frameworks	Struts, Spring MVC, JDBC Templates, Spring Batch, Spring Boot

Education:

Master's in computer science - University of New Haven (Jan 2023 – May 2024)

Bachelor's in computer science – Osmania University (Mar 2013 – Aug 2017)

Work Experience:

Job Title: Principal Software Engineer

Capgemini / Client: Fidelity Investments

Location : Merrimack, NH.

Duration: May 2025 – Present

Project Description: *The project involves the design, development, and enhancement of enterprise-scale Angular applications supporting complex financial workflows and data-intensive grid platforms. The system focuses on delivering highly configurable, performant, and reliable user experiences through advanced UI tooling, real-time user preference management, automated testing, and standardized engineering practices. The platform emphasizes scalability, consistency, and developer efficiency through automation, reusable component infrastructure, and modern Angular and RxJS patterns.*

Roles & Responsibilities:

- Designed and implemented Angular schematics to streamline application configuration and enforce automated code quality standards using Prettier, improving developer productivity and consistency across teams.
- Developed, maintained, and executed robust end-to-end Playwright test suites to automate regression, functional, and UI validation across multiple enterprise applications.
- Led complex UI enhancements including responsive toolbars, function bars, and dynamic dialogs within large-scale grid interfaces powering financial enterprise platforms.
- Architected reliable solutions for real-time user handling, user preference management, and feature tooling, enabling highly customizable workflows for cross-team products.
- Refactored filtering logic and enhanced nested column support, improving data clarity, flexibility, and overall user experience in grid-based layouts.
- Championed RxJS migration for asynchronous operations, significantly reducing code complexity while improving performance and maintainability in large Angular applications.
- Optimized application performance and user experience by implementing centralized spinner state management and loading indicators for grid views and dynamic data operations.
- Authorized and delivered critical bug fixes addressing toolbar responsiveness, date column handling, preference persistence, and state retention, resulting in measurable reliability improvements.
- Automated dependency updates and versioning workflows, standardizing internal package management and enabling faster, more reliable release cycles.
- Composed and published comprehensive release notes for each major version, improving transparency and supporting coordinated rollouts across distributed engineering teams.
- Orchestrated collaborative delivery cycles with Team Galactic, including multi-repository code reviews, releases, documentation, and feature planning.
- Documented and implemented enterprise-wide code standards as part of a shared UI component infrastructure, reducing integration friction and code review overhead.
- Improved automated test coverage for critical business logic modules, including input validation, date picker components, and dynamic dialog functionality.
- Demonstrated strong ownership by authoring and merging 40+ pull requests, supporting agile delivery, proactive refactoring, and high-velocity development cycles.
- Provided actionable feedback and contributed to internal tooling for grid view management, preference disabling, and responsive design to support evolving business needs.

Environment: Angular, TypeScript, RxJS, Playwright, Git, Enterprise UI Component Libraries, CI/CD Automation, Grid-based UI Frameworks, Agile/Scrum.

Job Title: Sr. FullStack Angular Developer

Vartech Systems

Duration: Oct 2023 to May 2025

Project Description: *The project involves the development and enhancement of a **highly scalable and secure web-based platform** that streamlines risk assessment and operational control processes. It leverages **Angular, Kubernetes, and Jenkins** to implement a robust and automated CI/CD pipeline, ensuring continuous integration and seamless deployments. The system is designed to enhance monitoring, compliance, and risk mitigation by integrating advanced **microservices-based architecture** with **automated build and deployment workflows**.*

Roles & Responsibilities:

- Developed and maintained applications using Angular 17 and TypeScript, ensuring responsiveness and optimal user experience.
- Integrated Kubernetes-based containerized services, streamlining microservices deployment for high availability and fault tolerance.
- Designed and implemented CI/CD pipelines using Jenkins, enabling automated builds, testing, and deployment across multiple environments.
- Developed middleware components that efficiently connect frontend Angular services to backend APIs, optimizing data retrieval and processing.
- Collaborated with business analysts and product owners to refine application requirements, ensuring alignment with business goals.
- Worked within Agile/Scrum methodologies, actively participating in daily stand-ups, sprint planning, and retrospective meetings.
- Implemented security best practices for authentication and authorization, ensuring compliance with enterprise security guidelines.
- Configured and managed cloud-based infrastructure for hosting Angular applications, ensuring scalability and cost-efficiency.
- Developed and optimized SQL and NoSQL database queries, improving data accessibility and reducing query response time.
- Used Git for version control, managing feature branches and maintaining codebase integrity through code reviews and pull requests.
- Integrated RESTful APIs and GraphQL endpoints into Angular components, ensuring efficient data exchange between frontend and backend.
- Developed reusable UI components using Angular 17 to maintain consistency across different modules of the application.
- Set up centralized logging and monitoring using tools like Prometheus and Grafana, enhancing application observability and debugging.
- Contributed to performance optimizations, reducing API latency and improving frontend rendering speed for better user experience.
- Assisted in production deployments and post-deployment monitoring, ensuring smooth transitions with minimal downtime.

Environment: Angular 17, TypeScript, Kubernetes, Jenkins, Git, Docker, Node.js, AWS, RESTful APIs, PostgreSQL, Prometheus, Grafana.

Job Title: Angular Developer

Client: Tech mahindra

Location: Bangalore

Duration: Nov 2020 to Jan 2023

Project Description: *The project involves the design and development of a **web-based Business Operations Center (BOC) application for Reliance Jio**, aimed at **enhancing operational efficiency, resource utilization, and service quality** across various business verticals. The BOC platform serves as a **centralized hub** for collecting, processing, and analyzing operational data to ensure **real-time monitoring, workflow automation, and advanced reporting**. The system enables Jio's **management teams to make data-driven decisions** by providing **interactive dashboards, analytics, and automated reporting capabilities**. The primary objective of the BOC project is to **streamline business operations**, ensure compliance with company policies and industry standards, and offer a **seamless user experience** for business analysts and operational teams. As an **Angular Developer**, I was responsible for **building dynamic, responsive UI components**, integrating **RESTful APIs**, and **optimizing front-end performance** to enhance the platform's usability and responsiveness.*

Roles & Responsibilities:

- Designed and developed interactive UI components using Angular 17 and TypeScript, ensuring a seamless and responsive user experience.
- Implemented Kubernetes-based containerized deployments, improving application scalability and operational resilience.

- Developed CI/CD pipelines in Jenkins, automating build, test, and deployment processes for faster delivery cycles. • Worked on real-time data visualization dashboards, integrating APIs to fetch and display key operational metrics.
- Developed role-based access control (RBAC) mechanisms, ensuring secure access management across multiple user levels. • Performed unit testing using Karma and Jasmine, validating application logic, component rendering, and API interactions.
- Optimized front-end performance, reducing loading times and improving user engagement using best coding practices.
- Implemented RESTful API integrations, ensuring seamless communication between the front-end application and backend microservices.
- Collaborated with backend teams to ensure smooth API development and middleware optimization for efficient data handling.
- Used Agile/Scrum methodologies, actively participating in sprint planning, backlog grooming, and daily stand-ups.
- Managed state efficiently using Angular services and observables, improving data handling within the application. • Resolved UI/UX bugs and cross-browser compatibility issues, ensuring consistency across different web browsers.
- Worked on Kubernetes Helm charts for deploying and managing microservices within a cloud environment.
- Reviewed and optimized SQL queries, improving database interaction efficiency for better system performance.
- Deployed and monitored application performance using Prometheus and Grafana, ensuring high availability.

Environment: Angular 17, TypeScript, Kubernetes, Jenkins, Git, Docker, RESTful APIs, PostgreSQL, Prometheus, Grafana, AWS, Node.js, Karma, Jasmine, Agile/Scrum.

Job Title: UI/Front End Developer

Client: Accenture

Location: Bangalore

Duration: Sep 2017 to Oct 2020

Roles & Responsibilities:

- Worked on Developing new application consists of front-end code written in JavaScript using Backbone, react that like to a REST API running on Node and let front end development using React.js.
- Created visual presentations to the end user, using HTML5, JavaScript, React, Redux, Angular 2, Angular4.
- Arranged code reviews, improvisation and involved off shore team in reviews.
- Used ASP.NET validations as well as developed custom validations using JavaScript in this application for validations.
- Brought cloud-based (AWS) software cluster search web application from conceptualization to launch as lead project developer.
- Developed the front-end application according to user requirements.
- Developed forms using HTML and performing s. client-side validations using Java Script.
- Used React Router Redux to store the route parameters in the redux store.
- Developed applications using Angular Router single page applications SPAs to improve page performance.
- Handled all aspects of the web applications including maintaining, testing, debugging and deploying.
- Did extensive JavaScript and jQuery programming to give AJAX functionality for the website.
- Participated in all phases of SDLC like requirement analysis, implementation and maintenance and have experience in Agile and Scrum.
- Used MongoDB and MySQL databases in Web API development. Developed database migrations using SQL Alchemy Experience with Grunt and Gulp task runner which helps automate repetitive tasks.
- Developed cross-browser/platform with Ext JS 5.x/6.x, jQuery, AJAX and DHTML/CSS to desired design specs for single page layout using code standards.

- Used Node Package Manager (NPM) to manage node modules and used it to install useful tools such as Gulp, React-Bootstrap tools, Date pickers. Utilized Apollo GraphQL to interact with APIs and render user data.
- Microservice API development using NodeJS, KOA, Docker, and Kubernetes.
- Database Development in both SQL (MSSQL, PostgreSQL/PostGIS, MySQL) and NoSQL (MongoDB).
- Involved in processing JSON data from RESTful web service by using Axios to get resources from the database and populated data on the UI and used Redux-Saga as middleware.
- Designed SPAs (Single Page Applications) using Angular.JS concepts of Directives, Services, Promises, Templating, Scope, Dependency Injection and two-way data binding.
- Created Directives, Services, Filters using Angular.js with Typescript.ts.
- Worked with Grunt and used plugins - uglify, concat, replace, eslint, jshint, sprite. worked with regression testing using Jshint and Selenium.
- Implemented JavaScript source code and embedded nested handling logic using jQuery event handlers and call back functions, es6.
- Extensively used GULP for all bundling and build needs of the application.
- Implemented JavaScript validation frame work for client side & server side.
- Developed CSS page layouts, navigations, backgrounds and presented designs and concepts to the clients and management for reviews.
- Used AJAX and JSON to make synchronous calls to the project server to fetch data on fly.
- Developed UI design specs that allows and facilitate project and functional requirements across multi-disciplinary teams through all phases of the project.

Environment: Agile, Scrum, SDLC, REST API, Node, HTML5, JavaScript, Redux, Angular, SQL, JSON