

# Kevin Joseph

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Front-end engineer with 7+ years of experience building responsive, performant web apps in Angular, TypeScript, focused on shipping accessible UIs that improve engagement and conversion

## TECHNICAL SKILLS

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- **Languages & Frameworks:** Angular, TypeScript, JavaScript, RxJS, HTML, SCSS, CSS, Storybook, Nx
- **Testing:** Jest, Jasmine, Karma, Spectator, ng-mocks
- **Backend & APIs:** REST API Design, PostgreSQL
- **Real-time & Integrations:** Microsoft SignalR (WebSocket), Datadog

## PROFESSIONAL EXPERIENCE

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- **Banner Life Insurance** 2018 – Present  
*Application Engineer* 2020 – Present
  - Co-founded and grew an Angular component library to 50+ reusable components shared across all Horizon applications, built with Angular and Storybook.
  - Architected and delivered four specialized frontend micro-libraries: IAM (authentication/authorization), Errors (global error handling), Metrics (logging and Datadog integration), and WebSocket (real-time communication via Microsoft SignalR).
  - Co-led migration of all frontend libraries and applications into a unified Nx monorepo, standardizing tooling, improving code sharing, and streamlining CI/CD across the platform.
  - Led migration of the test suite from Karma/Jasmine to Jest, improving test execution speed and developer experience across the monorepo.
  - Adopted ng-mocks to simplify Angular dependency mocking, reducing test boilerplate and improving test maintainability at scale.
  - Maintained greater than 80% code coverage and enforced Sonar Way quality standards across all projects using SonarQube.
  - Engineered a full-lifecycle customer portal (Skyline) in Angular/NgRx; enabled policyholders to manage applications mid-journey and monitor payments, with a target adoption rate of 25% by end of 2026.
- *Associate Application Engineer* 2018 – 2020
  - Led frontend development of a rules-driven Angular application replacing a paper-based life insurance process, driving instant decision rates from under 4% to 46% and exam-free application rates from 0% to 80%.
  - Developed an internal Application Manager dashboard enabling underwriters to manage assigned cases and auto-generated tasks, digitizing the post-submission review workflow and reducing average underwriting cycle time from 50+ days to ~11 days.
  - Extended the Application Manager to serve external insurance agents, providing real-time visibility into submitted application status.
  - Developed a Telephonic Interview application enabling phone-based agents to complete applications on behalf of clients via SSO, including guided call script UX enhancements.
  - Established unit testing practices using Karma, Jasmine, and Spectator, laying the foundation for a culture of quality that later scaled to  $\geq 80\%$  coverage across the platform.
  - Built a suite of applications that achieved 99.9% digital adoption by early 2025, a 5% increase in policy placement rate, user satisfaction growth from ~35% to ~50%, and 88% electronic policy delivery.
- **Zoho Corp.** Full-time  
*Member Technical Staff* 2017 - 2018
  - Spearheaded early data modeling efforts for [Zoho Contract Management](#) using PostgreSQL, reducing data redundancy by 20% and optimizing query performance for faster contract retrieval.
  - Collaborated within a thirteen-member team to implement the data model and APIs using PostgreSQL, Java, and an internal Zoho framework.

## EDUCATION

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- **College of Engineering Trivandrum (University of Kerala)** Thiruvananthapuram, India  
*Bachelor of Technology - Computer Science and Engineering* 2013 - 2017

## AWARDS AND CERTIFICATIONS

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- [Richard E. Merwin Scholarship](#) - September, 2016
- [Coursera Machine Learning certification](#) by Stanford with 97.6% score
- [Coursera Algorithmic toolbox certification](#) by UC San Diego with 100% score
- [Scrum Alliance certified scrum master](#)