

# Prasada Indukuri

+61458866586 | contactipraju@gmail.com | [linkedin.com/in/prasadaraju](https://www.linkedin.com/in/prasadaraju) | <https://github.com/contactipraju>

## Career Overview

Sr Frontend Engineer with progressive experience in developing highly-interactive Web, Mobile and Hybrid Applications.

Experience developing enterprise-level applications using modern JavaScript Frameworks with impeccable attention to details.

Actively involved in all phases of Product Development including Requirements Definition, Wire-framing, Interaction Design, UI-Architecture, Design Systems, Coding, Build Automation, Test Automation, Stakeholder management, Team Building etc.

Prior experience developing Desktop, Mobile applications for varied platforms like Palmtops, PocketPCs, Windows Mobiles etc.

## Technical Skills

- **Modern JS Frameworks:** Angular, React/Redux, TypeScript, NgRx, RxJS, AngularJS, Vue.js, Next.js etc
- **Web Technologies:** HTML5, CSS3, LESS, SASS, SCSS, Bootstrap, NodeJS, Ajax, REST, GraphQL etc
- **Charting Libraries:** Highcharts, Google Charts, FusionCharts, KendoUI, d3.js etc
- **Mobile Technologies:** Palm SDK, WinCE, Windows Mobile SDK, Android SDK, PhoneGap, OnsenUI, React Native etc
- **Other Languages and SDKs:** C, C++, Embedded VC++, Win32 SDK, SQL etc

## Coding Skills

- Writes clean, organized, reusable, efficient code with fine balance of optimization and readability.
- Experience dealing with Browser incompatibilities and Multi-device Hybrid Apps Development.
- Strong Debugging, Troubleshooting and Problem-solving skills.
- Code Review/Refactoring skills to ensure adherence to Modern Development Practices and Guidelines.

## Architectural Skills

- Ability to evaluate & recommend best-fitting UI frameworks/libraries.
- Strong Knowledge in Design Patterns, Principles and contributes to Design Systems.
- Active involvement in User Analysis & Persona Development and Interaction/Design reviews.
- Fair understanding of Mobile-first, Responsive Designs, Accessibility, Progressive Enhancement principles.
- Well-versed with Continuous Integration Practices, Test Automation, Build Automation and Deployment processes.

## Mentoring Skills

- Recruited, Trained (40+ UI-Engineers) and Mentored UI teams (UX Designers, UI Developers).
- Lead small to medium sized teams and Delivered projects within the budgets, with utmost quality.
- Hands on with AGILE/SCRUM/TDD Methodologies, WBS & Resource Management and Basic-Project Management.
- Effective Stakeholder Management and Coordination between teams across disciplines and geographies.

## Verticals and Domains

- Rich Internet Applications | Data Representation | Interactive Reports | Social Networking
- Mobile/PDA/Cycling Computers | Retailing | Speech Recognition | Image Editing | Food Processing
- Gaming | Market Research & Analysis | Information Security | Insurance & Investments

## Awards

- Finalist, Tripod MVP, October 2014.
- Award of Excellence at Tripod, October 2013.
- Best Participant Award for the "Let Us Design" sessions, Divami Software Pvt. Ltd, January 2012.
- First Prize, Boycott Bad-Design Contest at Microsoft IDC, 2007.
- Most-active Community Participant Award, Windows Mobile user groups, for second trimester 2005.
- ThinkWeek Paper Finalist (Generic API for Mobile Apps using context-sensitive Location-based Technologies).
- Publisher's Award of Merit for Menus OnDemand™ at 16th Annual Onboard Service Awards.

## Education

- Advanced Diploma in Management (General Management) from ICFAI University, May' 2009.
- Master of Science (Computer Science) from Andhra University, June' 2000.

## Professional Experience, Contribution & Responsibilities

### ***Lear Web Developer (Consultant), Vision21***

**Mar 2023 – Present**

Evaluating and finalizing Architecture, Establishing Frontend best practices, Putting together a tech-stack that addresses the non-functional requirements of the project, Developing Proof-of-concepts and core components for their financial (Investment and Wealth Management) application suite.

Technologies: React, Node.js, Express.js, MongoDB, Jira, Git, GitHub Actions, SonarCloud, BugSnag, Karma, Jasmine etc.

### ***UI Lead, Specialized Bicycle Components***

**Nov 2019 – Jan 2023**

Built technologies that helped athletes perform better, using the biggest online endurance sports training platform and API

- Made Architectural changes to enable RiderHub to be embedded into Android and iOS app (Ride) using Webviews
- Reduced Development costs, Maintenance costs, and the release cycles with single code-base for multiple platforms
- Acted as single point of contact for multiple projects, doing Enhancements, Code-refactoring, Reducing Tech-debt etc

Modules owned and delivered:

1. Rider Hub - SBC's customer facing Application suite: Developed Detailed view pages, Charts and Analytics etc
2. Route Editor, Community Feed (Editing, Publishing Marketing Content) that later became part of TP Communities release
3. TP for Nike - Nike specific functionality, using Angular 12 inside AngularJS application
4. Admin Portal - Bike Registration Service, Authentication & Authorization (SAML / OAuth) for China Portal

Technologies: Angular 12+, TypeScript, RxJS, Google Maps API etc.

### ***UI Lead, Ahoy Club***

**Nov 2018 – Nov 2019**

Lead the Frontend team that developed Ahoy Club's Digital Charter Platform and Client Portal

- Improved the platform's Yacht Search and Booking functionality
- Implemented device-specific layouts and features for the Progressive Web Application
- Simplified UX and Provided easy solutions for Charter Listing and Management (new Staff Portal)

Technologies: React/Redux, React Native, Angular 8, NgRx, TypeScript, Babel, .Net, Azure, Umbraco, GraphQL etc.

### ***Sr. Frontend Developer, Morningstar Australasia***

**May – October 2018**

Lead the frontend development practice for MCA, a cross-functional team, part of Individual Investor Squad at Morningstar. Developed PoCs in collaboration with Global teams, Presented Solutions to stakeholders, Finalized the Front-end Tech-stack.

Other Projects:

1. Portfolio Planner – an Enterprise Component that helps Morningstar customers calculate Required Rate of Return that helps them meet their financial goals, based on their Net-worth, Cash-flows and Risk-tolerance.
2. YourMoneyWeekly – A mobile-first responsive web application that helps users access Morningstar's weekly research summary, ratings, investment insights and Global Stock Data on any device/platform/browser.

Technologies: VueJs, Nuxt.js, NodeJs, Ejs, Express.js, Angular 1.5x, Amazon AWS, Adobe AEM, CMSGo, Contentstack etc.

### ***UI Lead, Today's Plan***

**July 2016 – April 2018**

Core team member who developed Today's Plan platform, a highly interactive single-page-application, that helps coaches and athletes collaborate, plan, track and analyze training with clear goals of performance optimization. The system uses sophisticated coaching tools, analytics, and allows integration with many sports related sensors and tools (Garmin, Wahoo, Under Armour etc). It is the leading platform for cyclists, triathletes and the official training partner for pro-cycling teams TeamSky, Trek Segafredo etc.

Modules owned and delivered:

1. Ride graph analytics – Various graphs and charts that help analyze the ride files
2. Stages Hybrid App – the Android version that uses HTML5 with Turbolinks libraries/adapters
3. Routes and Courses – A Google Maps based application that helps users create, edit and manage cycling routes
4. Stages Dash – a web interface allowing configuration of Stages Head units (Profiles, Page Editing, and Device Settings)
5. Configurable Dashboards – a fully-configurable dashboard system that helps keep track of athletes' performance
6. Widgets – Graph/Chart/Table based configurable modules (Angular directives) that help convert data into information

Technologies: Angular 1.x, Angular 4, TypeScript, Highcharts, OnsenUI, Android SDK, Java, Turbolinks etc.

## **Web Analyst, IRI-Australia (Aztec)**

**June 2015 – June 2016**

Helped internalize and enhance SmartView9 – IRI's premier online instant report generator, that provides quick and easy access to regularly updated business metrics. SmartView offers standardized context and data in both graphic and tabular formats across the entire organization, with the ability to customize to individual companies' specifications

- Implemented new Features, new Reports (using Kendo & d3.js), Customization, CI/CD pipelines (Jenkins)
- Improved the Performance, Upgraded Libraries (KendoUI & AngularJS)
- Helped fix Cross-browser issues for other SmartData tools like RetailEdge, AztecOnWeb, WoolworthsOnWeb etc

Technologies: AngularJS, KendoUI, d3.js, NPM, Bower, Grunt, Jenkins, Karma, Jasmine etc.

## **UI-Architect, Tripod Technologies (eureQa, LLC)**

**Aug 2012 – Mar 2015**

Lead UI-Engineering Department. Trained, Mentored and Lead High-performance teams in creating world-class products

- Owned Architecture, Design, and Development of rich UI/UX solutions for multiple products
- Fixed usability issues and Provided Simple and Effective Technical Solutions for complex UI designs/work-flows
- Prepared Balsamiq Wireframes, driven review meetings, Evaluated & Customized various UI Frameworks

Projects:

1. eureQA – A cloud-based product that makes regressing testing and cross-browser testing easy for test engineers
2. QaSCRIBE – A Chrome browser-extension that runs like a selenium-type User-event-recorder
3. GPT-BertBrain – An iOS & a web-based system that helps install, configure and manage power-plug controllers
4. Gleason – An Android application that helps store managers and supervisors perform routine inspections
5. Stonewood (Workers Comp and Claims modules) – A web-based insurance & claims management system

Technologies: jQuery, Ajax, REST, AngularJS, FusionCharts, Chrome API, Balsamiq, Bootstrap, Delphi, SQL

## **Sr. Staff Software Engineer, Divami Software Pvt. Ltd.**

**Jun 2009 – Jul 2012**

Owned Design, Development and Delivery of highly effective and interactive products for multiple clients

- Participated in User-Analysis, Persona Creation, User Testing, Interaction Design, UX-Reviews, Client-engagement
- Conducted Seminars & Tech Sessions while Training Frontend Engineers
- Created an MVC Framework with customized components, using Unobtrusive JS, jQuery, JSCoverage, JUnit

Projects:

1. PriceMaster – A web application that integrates with dynamic pricing ticketing systems for major events/concerts in USA
2. Planner – Helps agencies maximize profits by providing accurate media allocation recommendations in real-time
3. Novatium Navigator UI - Gmail, Radio on the World's first Browser-based Single Screen Multiple Operating System
4. Open Chorus – EMC<sup>2</sup>'s (formerly Greenplum) first commercial EDC platform
5. Other Projects like Stocks2Infinity, mySafeCircle, Builder, Optimizer, Live, Compass, etc

Technologies: jQuery, Ajax, REST, Closure Templates, Photoshop, XML, Prototype, JSCoverage, JUnit, Lighttpd

## **Software Design Engineer in Test, Microsoft India R&D Pvt. Ltd.**

**Jan 2005 – Mar 2008**

Defined, planned and executed various Testing Methods, Tools and Automation Processes, assisting the development teams in delivering high quality OfficeMobile releases for WindowsMobile Devices (WM5, 6, 6.1, 7)

- PowerPoint Mobile (O12, O14): Complete ownership of testing Animations & Transitions
- File-fuzzing, MTTF, Load Testing, Code-coverage, Round-trip Testing etc
- Windows Ink Service Platform (WISPLite) – API Testing and Exit Sign-off
- Information Rights Management (IRM O12-support)
- Developed and enhanced support tools/apps for managing binaries, analyzing & reporting test results etc
- Developed Location-based Applications (Tracker, Notifier, Buddies etc) using Cell Tower Ids

Technologies: C, C++, eVC++, WinCE SDK, WindowsMobile SDK, .NET, etc.

## **Sr. Software Design Engineer, Catalytic Software Pvt. Ltd.**

**Dec 2002 – Dec 2004**

- Developed key applications (Skin Validator, Mortal Kombat - Deadly Alliance, Pod Skin Audio Player, Dancing QueenB etc) for Wildseed's Identity Phone (Curitel), the world's-first embedded Linux-based Intelligent-Accessory Phone
- Developed Profile-Manager, Fixed Dialing Network, Currency Converter, World Clock etc for Lotus Mobile Phone
- Developed ImageEdit, first-of-its-kind Image Editing and Conversion application on PocketPCs for InterVideo
- Developed VoiceAssist – a Speaker-independent, Voice-enabled app suite for Samsung phones
- Provided Technical Leadership, Mentored teams, Managed Bug-triages & Release-based Task-prioritization

Technologies: C++, Embedded Linux, PocketPC SDK, Smartphone SDK etc.