

Ravi Ranjan Singh

Technology Lead | Angular 20, TypeScript, RxJS | 15+ Years Front-End Architecture

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PROFESSIONAL SUMMARY

Frontend-focused Technology Lead with 15 years of experience architecting and building enterprise web applications, with deep, hands-on expertise in Angular (including Angular 20), TypeScript, JavaScript, and RxJS. Proven track record re-architecting legacy UI platforms — most recently a banking risk-management system — into modern, component-driven Angular applications built from the ground up. Owns frontend architecture end-to-end: requirement analysis, estimation, development, build/release, and production support, while mentoring and leading engineering teams through the full delivery cycle.

CORE SKILLS

Angular (Angular 20) · TypeScript · JavaScript (ES6+) · RxJS · HTML5 · CSS3 / Flexbox · jQuery · Sencha Ext JS · REST / JSON APIs · Git / GitHub / Bitbucket · Agile / Scrum · JIRA · CI/CD · Requirement Analysis · Estimation · Mentoring & Team Leadership

PROFESSIONAL EXPERIENCE

Technology Lead — *Iris Software Pvt Ltd (Banking Domain — Enterprise Application)*

Sep 2019 – Present

- Led frontend re-architecture of a legacy banking risk-management platform, rebuilding from scratch in Angular 20 with TypeScript and RxJS-based state and data flow.
- Own UI development end-to-end using Angular, TypeScript, JavaScript, and Flexbox/CSS3, integrating with a Java Spring MVC and Oracle backend.
- Drive requirement analysis, task estimation, build/release process, and post-release production support for the platform.
- Manage the build pipeline using GitHub and internal CI tooling; mentor a team off five on Angular architecture and best practices.

Lead Engineer — *Harman Connected Services*

Sep 2017 – Aug 2019

- Led UI development using Sencha Ext JS for connected-vehicle enterprise applications.
- Owned requirement reviews, sprint planning, and effort estimation; performed code reviews across the team.

Senior Software Engineer — *Celestial Systems Pvt Ltd*

Apr 2016 – Sep 2017

- Delivered UI development using JavaScript and the Ext JS framework; mentored junior team members.

Software Engineering Sr. Analyst — *Accenture*

Jan 2016 – Mar 2016

- Bench / transition period between engagements.

Software Engineer — *Vayavya Labs Pvt Ltd*

Mar 2013 – Jan 2016

- Developed and maintained web, Windows, and scripting-based tools across Windows and Linux platforms.

Software Developer — *Asclepius Consulting and Technologies Pvt Ltd*

Sep 2010 – Oct 2012

- Built and maintained product applications; gathered requirements, delivered training, and supported customer demos.

KEY PROJECTS

Oversight PMAC UI

- Re-engineered a legacy risk-oversight platform (originally built in 2020) into a modern Angular 20 application, developed from scratch, supporting Global Consumer Credit and Fraud Risk Policy (GCCFRP) workflows across different modules.
- Built key modules: File Upload, Calendar Maintenance, Data Version Management, Calculation Editor, Scheduler, and Reporting.
- Delivered portfolio monitoring, credit risk rating, and credit change log reporting using Angular and TypeScript.

Reference Data Editor

- Rebuilt an administrative reference-data management application from scratch using Angular 20, replacing a 2020-era legacy platform.
- Implemented CRUD operations, data validation/transformation, inline editing, and bulk update capabilities.

EDUCATION & LANGUAGES

MCA — Bangalore University | B.Sc — Ranchi University | English, Hindi