

Akshay Arora

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SUMMARY

Senior Front-End Engineer with 8+ years of experience designing and scaling enterprise-grade web applications using **Angular, TypeScript, and JavaScript**. Proven track record of owning frontend architecture and delivering measurable improvements in performance, reliability, and developer productivity.

TECHNICAL SKILLS

Frontend Design: Component-driven architecture, modularization, lazy loading, code splitting

Languages & Frameworks: TypeScript, JavaScript (ES6+), Angular (v9+), RxJS, NgRx, HTML, CSS

Performance & Quality: Change detection optimization, rendering optimization, accessibility (a11y), performance profiling, unit testing (Jasmine, Karma)

Tooling: Git, Jira, CI/CD (Bamboo, Jenkins)

EXPERIENCE

Senior Software Engineer

August 2024 to Present

Wipro Limited

Bangalore, India

- Owned frontend architecture for a large-scale enterprise platform, acting as the primary decision-maker for UI structure, performance strategy, and maintainability.
- Led and mentored a team of 5 engineers, improving delivery quality and consistency.
- Migrated 6 production-grade applications from Blazor to Angular with a modular, scalable architecture.
- Reduced JavaScript bundle size by 30% using code splitting and lazy loading, improving initial load time by 40%.
- Improved Time to Interactive (TTI) by 35% by optimizing change detection and rendering paths.
- Owned production rollout and post-migration stabilization, addressing performance regressions and critical UI defects.

Software Engineer I

July 2023 to July 2024

Harman International Industries, Inc.

Bangalore, India

- Designed and built 30+ reusable Angular components used across multiple product modules.
- Architected a JSON-driven dynamic UI rendering engine, improving feature delivery speed by 10x across teams.
- Introduced TDD practices achieving 60% unit test coverage and reducing post-release defects by 50%.
- Worked closely with multiple product teams to onboard the rendering framework and standardize UI patterns.

Software Engineer

March 2020 to June 2023

Harman International Industries, Inc.

Bangalore, India

- Owned and developed critical frontend modules using Angular, TypeScript, and RxJS.
- Collaborated closely with UX, backend, and product teams.
- Improved UI reliability and responsiveness by resolving performance bottlenecks and production defects.

Application Developer

December 2017 to March 2020

Conduent Business Services LLP

Bangalore, India

- Led migration from Silverlight to Angular, reducing installer size by 75%.
- Designed configurable UI modules supporting 36 customer-specific workflows.
- Built secure PHI document processing workflows used by 150+ hospitals.
- Validated workflows with QA and business stakeholders to meet healthcare compliance requirements.

EDUCATION

Centre for Development of Advanced Computing

Bangalore, India

PG-Diploma in Advanced Computing

Feb 2017 to May 2017

Jaypee Institute of Information Technology

Noida, India

B.Tech in Computer Science and Engineering

Aug 2010 to July 2014