

# Akshay Das A S

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## Professional Summary

Frontend Developer with 7+ years of experience specializing in Angular, React, TypeScript, and JavaScript. Proven expertise in building scalable, enterprise-grade applications within the BFSI sector, serving Fortune 500 clients including Citi and CRH Americas. Strong focus on performance optimization, modern UI/UX design, and frontend architecture including micro-frontend patterns. Experienced in Agile methodologies, CI/CD pipelines, and delivering high-quality code through comprehensive testing practices. Successfully migrated multiple legacy applications to modern frameworks and architected reusable component libraries.

## Technical Skills

- **Frontend Frameworks:** Angular (v6-v14), React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3
- **State Management:** Redux, Context API, RxJS, NgRx
- **Testing & Quality:** Jest, Jasmine, Karma, Unit Testing, Integration Testing, 85%+ Code Coverage
- **Architecture:** Micro-frontends, Module Federation, Component Libraries, NPM Package Development
- **APIs & Integration:** RESTful Services, SOAP, Third-party API Integration (CIBIL, Aadhaar, E-NACH)
- **Development Tools:** Git, GitLab, Azure DevOps, Jira, VS Code with GitHub Copilot, Webpack, Vite
- **Databases:** Oracle, SQL Server, PL/SQL
- **Additional:** .NET Core, ASP.NET Core, Java, Cordova (Hybrid Mobile Apps), Agile/Scrum

## Professional Experience

### Senior Frontend Developer

*Tata Consultancy Services*

Dec 2021 – Present

*Stockholm, Sweden*

#### Client: CRH Americas Materials | CMMS Rewrite

*Angular, JavaScript*

- Delivered production support and system enhancements for construction equipment maintenance tracking system serving 50+ sites across North America
- Resolved critical production incidents maintaining 99.5% system uptime, ensuring business continuity for enterprise operations
- Implemented feature enhancements in Angular, improving system performance and user experience for field maintenance teams
- Collaborated with cross-functional teams in Agile environment using Jira for sprint planning and iterative delivery

#### Client: Citi | Dynamic Pricing Engine

*Angular 14, Java, Oracle, JavaScript, jQuery*

- Developed rule-based pricing engine frontend in Angular 14, enabling automated customer offer generation for retail banking
- Migrated legacy jQuery application to Angular 14, improving code maintainability and reducing technical debt by 40%
- Built responsive UI components consumed by both mobile and web platforms via REST APIs
- Integrated complex business logic for dynamic pricing rules and personalized special offers

#### Client: Citi | Private Banking - Insurance

*Angular, React, Java, Oracle, JavaScript*

- Architected and developed insurance booking application from scratch using Angular and React frameworks
- Created reusable UI component library published as NPM package, adopted across 3+ internal projects
- Implemented micro-frontend architecture using Module Federation, enabling independent team deployments and scalability
- Achieved 85%+ code coverage through comprehensive Jest unit testing, reducing production bugs by 30%
- Migrated legacy jQuery codebase to Angular 14, modernizing tech stack for long-term maintainability
- Leveraged VS Code with GitHub Copilot for accelerated development and improved code quality

## Frontend Developer

Gridstone Technologies

Jul 2021 – Oct 2021

Remote

### Repetor - Interview & Candidate Management System

Angular 11, .NET Core, SQL

- Developed recruitment management platform with resume verification, interview scheduling, and document tracking workflows
- Implemented authentication services, HTTP interceptors, and role-based access control for secure user management
- Built responsive dashboards for HR teams to manage candidate pipeline and interview processes efficiently
- Delivered complete signup flow and admin dashboards with comprehensive unit test coverage

## Frontend Developer

Manappuram Comptech & Consultants Limited

Apr 2019 – Jun 2021

India

### Client: Manappuram Finance | Commercial Vehicle Loan Origination

Angular 8, .NET Core, Oracle

- Developed end-to-end loan origination system for commercial vehicles, automating loan processing from application to disbursement
- Integrated CIBIL credit scoring, Aadhaar verification, and E-NACH payment APIs for seamless loan processing automation
- Built dynamic forms and approval workflows enabling credit managers to efficiently process loan applications
- Implemented external asset valuation service integration for accurate collateral verification
- Participated in production deployments and provided ongoing support for business-critical financial application

### Client: Asirvad Microfinance | MSME Loan Management

Angular 6, .NET Core, Oracle

- Developed comprehensive MSME loan application system covering lead management, application processing, and disbursement
- Implemented credit approval workflows with e-signature integration for digital loan agreement processing
- Built automated payment processing using E-Nach API integration for efficient collection management
- Created hybrid mobile application using Cordova for field agent loan data capture and submission

### Client: Manappuram Finance | Loan Management System (LMS)

Angular 6, .NET Core, Oracle

- Built comprehensive loan platform comprising Loan Origination System (LOS) and Loan Management System (LMS)
- Developed customer onboarding, CIBIL integration, and multi-stage verification workflows including tele-verification and field investigation
- Created post-disbursement lifecycle management features including collections, settlements, NOC issuance, and invoice management
- Implemented document upload functionality and asset valuation modules for used vehicle financing

**Software Developer**  
*GJ Infotech*

Apr 2018 – Mar 2019  
*India*

- Developed automated SQL Server backup solution with Google Drive integration using C#, ensuring data security and recovery
- Built E-School Solutions desktop application using VB.NET for comprehensive student and faculty management
- Designed fee management, progress card generation, and reporting modules using RDLC for school administration
- Created Windows Forms applications with SQL Server and MS Access backends for data management

## Education

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**Bachelor of Computer Application (BCA)**  
*Manipal University Jaipur*

2024 – 2027 (Expected)  
*Jaipur, India Currently Pursuing*

**Diploma in Computer Science**  
*St. Marys Polytechnic College*

2015 – 2018  
*Palakkad, Kerala, India CGPA: 7.9/10*

## Key Achievements

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- Successfully migrated multiple legacy jQuery applications to modern Angular framework, improving performance and maintainability
- Architected and published reusable component library as NPM package, accelerating development velocity across teams
- Achieved 85%+ unit test coverage using Jest, significantly reducing production defects and regression issues
- Implemented micro-frontend architecture enabling independent deployments and improved team scalability
- Integrated 10+ third-party APIs including CIBIL, Aadhaar, E-NASH, and payment gateways for BFSI applications
- Maintained 99.5% system uptime through effective production support and incident management

## Languages

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**English:** Fluent (Professional working proficiency) | **Hindi:** Native | **Malayalam:** Native

## References

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Available upon request