

JUDESON BRIAN CALEB RODRIGUEZ

Full Stack Developer & Technical Lead

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PROFESSIONAL SUMMARY

Full Stack Technical Lead with 2+ years of experience building scalable educational platforms using Angular and Firebase. Led development of 12+ production features serving 5,000+ users with 99.5% uptime. Expertise in component architecture, cloud functions, and mentoring development teams. Specialized in transforming complex requirements into performant, maintainable code while reducing development time by 35% through reusable component libraries.

PROFESSIONAL EXPERIENCE

Technical Lead – Full Stack Developer | ThinkTac (Tactile Education Services Private Limited)

January 2025 – Present | Bengaluru, India

- Mentor 5 junior developers on Angular best practices, TypeScript patterns, and code review standards, reducing onboarding time by 40% and code review cycles by 25%
- Architected and delivered 3 core platform features (student dashboard, assessment engine, analytics module) serving 5,000+ active users with 99.5% uptime
- Led technical decision-making for frontend and backend architecture, establishing coding standards and workflow processes that improved team velocity by 30%
- Spearheaded migration to TypeScript across 15 Angular components, reducing runtime errors by 45% and improving code maintainability

Full Stack Developer | ThinkTac (Tactile Education Services Private Limited)

June 2023 – January 2025 | Bengaluru, India

- Built 20+ reusable Angular components with Angular Material and Tailwind CSS in Fuse custom template, reducing new feature development time by 35% and ensuring design consistency across platform
- Integrated Firebase Authentication and Firestore database for real-time student enrollment system, supporting 2,000+ concurrent users with <300ms response time
- Engineered 10+ Firebase Cloud Functions using Node.js to automate scheduled backups, user authentication, and batch messaging, processing 50,000+ daily events with 200ms average response time
- Optimized application bundle size by 40% through lazy loading and tree shaking, improving page load time from 4.2s to 2.5s and enhancing user experience metrics
- Implemented responsive design patterns ensuring 100% mobile compatibility across iOS and Android devices, increasing mobile user engagement by 28%

SDE Intern | Angular Wiki (Maargvani IT Solutions Private Limited)

November 2022 – May 2023 | Remote

- Developed drug inventory management module with real-time stock tracking using Angular Material and RxJS, managing 200+ pharmaceutical products and reducing manual entry errors by 60%
- Integrated PDFMake library to auto-generate compliance reports for 500+ monthly prescription orders, eliminating 10 hours of manual document creation and ensuring regulatory compliance
- Automated pharmaceutical product data collection using Python web scraping (BeautifulSoup, Selenium) for 2,000+ items, reducing manual research time from 40 hours to 2 hours weekly

TECHNICAL SKILLS

Expert (3+ years): JavaScript (ES6+), HTML5, CSS3, Angular, Angular Material, Tailwind CSS, Firebase, Git/GitHub

Proficient (1-2 years): TypeScript, React, Redux, Node.js, Express.js, REST APIs, Responsive Design, RxJS, Bootstrap

Familiar (<1 year): Python, MongoDB, Web Scraping (BeautifulSoup, Selenium), PDFMake, xlsx

Tools & Methodologies: Jest, Jasmine, Karma, GitHub Actions, Agile/Scrum, Code Review, CI/CD, Component Architecture, State Management

PRIOR EXPERIENCE

2016-2020: Operations and marketing roles in automotive and engineering sectors

EDUCATION

Bachelor of Mechanical Engineering | Vishveshwarya Technical University | 2015

Hybrid preferred in Bengaluru | Open to relocation: Europe, Canada | Work authorization: Indian citizen