

Sachin Amarjeet Singh

Senior Software Engineer | Angular | NestJs | NextJs | NodeJs | Javascript | Typescript

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Professional Summary

Results-driven Full-Stack Developer with 4+ years of hands-on experience building large-scale, performant Angular applications. Deep expertise in Angular's latest features — Signals, Deferrable Views, Change Detection, and Dependency Injection — paired with advanced RxJS and TypeScript proficiency. Experienced in Nx MonoRepo architecture, NestJS backends, and leading cross-functional teams. Passionate about web performance, code maintainability, and sharing knowledge through technical collaboration — values closely aligned with PushBased's mission.

Work Experience

Senior Software Engineer

Miles Education · Bengaluru, India · Aug 2025 – Present

- Solely architecting and building a ground-up SSR rewrite of milesmasterclass.com in Angular 21 — evolving the
- platform from a client-side LMS into a full-featured, enterprise-grade content and CPE platform serving 70,000+
- accounting professionals across the US.
- Platform features include: Hollywood-style cinematic Masterclasses, NASBA-compliant CPE credit tracking, Reels
- (micro-lessons), Audio Podcasts, Live Weekly Premiere webinars with Q&A; 20+ content categories (AI, audit, tax,
- advisory, leadership), NASBA certificate generation, and firm-wide CPE compliance reporting.
- Implementing SSR with Angular Universal for SEO performance and first-contentful-paint improvements critical for
- content discoverability on a public-facing subscription platform.

- Applying enterprise-level architecture: lazy-loaded feature modules, smart/dumb component separation,
- Signal-based state, Deferrable Views for progressive content loading, and a custom design system — all without
- over-reliance on AI code generation.
- Simultaneously maintaining and shipping new features on the existing Angular client-side platform, managing both
- production stability and the parallel greenfield SSR build — entirely solo on the frontend.
- Built multiple internal tooling projects for the company: automation scripts, admin dashboards, content management
- utilities, and developer productivity tools used across the engineering and operations teams.

Senior Full-Stack Developer

Miles Education · Bengaluru, India · Jul 2024 – Present

- Architected and led the full revamp of a large-scale US CPA Learning Management System (LMS) using the latest Angular version — migrating legacy patterns to Signals, Deferrable Views, and standalone components for improved performance and maintainability.
- Replaced a monolithic Node.js backend with a modular NestJS architecture, improving scalability and developer experience across the platform.
- Designed and built an Applicant Tracking System (ATS) enabling US job-placement workflows for enrolled students, integrating complex state management with RxJS observables and Angular services.
- Led Nx MonoRepo setup across multiple product lines, enabling shared libraries, consistent tooling, and faster CI/CD pipelines.
- Implemented WhatsApp automation workflows using n8n and GupShup to streamline student communication at scale.

Associate Full-Stack Developer

Miles Education · Mumbai, India · Jul 2023 – Jul 2024

- Built the Miles Masterclass web application on Angular — a CPE platform featuring video-based courses, podcasts, webinars, and short-form content for US CPA/CMA licensed professionals.
- Developed a CPE (Continuing Professional Education) LMS that allows licensed candidates to earn credits for license renewal — serving thousands of active professionals.

- Created a Gameplan module enabling Student Relation SPOCs and students to visualize and track their CPA journey with real-time progress indicators.

Associate Angular Developer

Miles Education · Mumbai, India · May 2022 – Jul 2023

- Built an enrollment flow application for Jain University students pursuing US CMA certifications — integrating multi-step form workflows with Angular Reactive Forms and custom validation.
- Developed a licensing tool module within the CPA LMS, streamlining compliance processes for license tracking.

Angular Developer

Iconicsoft Technologies · Mumbai, India · May 2021 – Apr 2022

- Managed and enhanced the company's web presence, delivered R&D findings on emerging frontend technologies to the engineering team.

Technical Skills

Frontend	Angular(6 - ^21), NextJs, ReactJs, Javascript, Typescript, HTML, CSS/SCSS, Tailwind, Bootstrap
Backend	NodeJs, NestJs, NextJs, ExpressJs,
Databases	PostgreSQL, MySQL, MongoDB, Firebase, Supabase
Tools	GitHub, n8n Automation, RxJs, Copilot, Claude, GSAP, Motion

Education

MCA – Master of Computer Applications

Manipal University Jaipur · CGPA: 8.7 / 10

BSc. Information Technology

Mumbai University (Viva College) · CGPA: 6.7 / 10