

ALEKSANDAR ALEKSANDROV

Senior Software Engineer @ Ninety | AI Orchestration • Full Stack • Mobile

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SUMMARY

Senior Software Engineer working at the intersection of AI orchestration and full-stack development, bridging legacy enterprise systems with AI-native architectures on Amazon Bedrock and MCP. Background spans hybrid mobile (Ionic/Capacitor), complex NgRx state management, and end-to-end feature ownership.

EXPERIENCE

Senior Software Engineer, Ninety

10/2023 – Present • Remote • Productivity SaaS Platform

- **AI Orchestration:** Contributed to MCP servers and context-provider middleware that bridge legacy REST APIs into Amazon Bedrock reasoning loops, exposing internal data and tools to LLM agents.
- **GenAI Feature (Maz):** Built the client and operation-handling layer for a conversational scorecard optimizer on Bedrock, with a propose-approve-apply loop: the model emits atomic, ID-addressed operations, the user approves them, and post-apply state is re-grounded into context to keep multi-step edits coherent. Enforced business rules in both prompt and output-tool schema.
- **AI Tooling:** Authored custom Claude Code skills, plugins, and multi-agent workflows that automate the engineering lifecycle, including ticket-to-PR, PR-comment resolution, and a parallel Cypress auto-fix orchestrator that fans out runner and fixer subagents to keep the suite green.
- **Mobile Ownership:** Spearheaded the development of a hybrid mobile app using Ionic/Capacitor, establishing the full CI/CD deployment pipeline and authoring technical standards for team-wide contribution.
- **Access & Permissions:** Translated stakeholder confidentiality rules into a role-based visibility model for the People Analyzer (peer-review tool) — owner/manager/employee scopes, a read-only share flow, and PIP-confidential review states.
- **Full-Stack Delivery:** Shipped features spanning the stack, including a color-mode accessibility setting that touched an Angular preference UI, a backend user-schema change, a data backfill migration, and server-side PDF rendering.
- **Legacy Modernization:** Refactored legacy state management into NgRx within an NX Monorepo, increasing frontend predictability; reduced module coupling by eliminating dozens of file-level circular dependencies.
- **Systems Reliability:** Added distributed tracing to backend KPI scoring and resolved customer-reported production defects through deployment.

Senior Web Developer, IPRO

10/2019 – 10/2023 • Henderson, NV • Legal eDiscovery Platform

- **Legacy Modernization:** Ported 4 complex legacy legal eDiscovery tools to Angular micro frontends within a shared monorepo, preserving established workflows while modernizing the stack.
- **Test Coverage:** Built the unit and E2E test suites that made continuous deployment of the migrated frontends safe, using legacy behavior as the spec.
- **Mentorship:** Mentored junior developers through code reviews and best practices, reducing regression risk.

Front End Developer, Paysign, Inc.

05/2018 – 10/2019 • Henderson, NV • Payment Services Provider

- Developed cross-platform SPAs for kiosk, web, and mobile using Angular and Ionic/Capacitor across 5+ enterprise products.
- Modernized testing workflows by configuring Protractor (E2E) and Karma (Unit), improving reliability and reducing manual QA.

SKILLS

Front End: Angular, Vue.js, Web Components, RxJS, Angular Material, TypeScript, JavaScript, NgRx, HTML, SCSS, Storybook, TDD, Ionic/Capacitor

Testing: Karma, Jasmine, Jest, Cypress, Spectator

DevOps / Backend: AWS Serverless, CI/CD, NX Monorepo, Node.js, Next.js, MongoDB, Postgres, REST, Git

AI: Amazon Bedrock, MCP, Prompt Engineering, AI Orchestration