

Almaz Dolubaev

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL, HTML5, CSS3, Sass

Front-End: Vue.js, React, Angular, RxJS, Redux, NgRx, Angular Material, Tailwind, Material UI, D3, Highcharts

Back-End: Node.js, Express, Fastify, Flask, REST APIs

Testing: Playwright, Cypress, Jest, Jasmine, Karma, Enzyme

Mobile: Flutter (iOS & Android)

Databases: MongoDB, MySQL, SQL Server

Cloud & DevOps: AWS (Lambda, S3, ECS), Azure, Azure DevOps, Jenkins, Git, Splunk, Jira

AI / GenAI: LLM integration, foundation models, prompt engineering

PROFESSIONAL EXPERIENCE

Senior Software Engineer, Capital One – McLean, VA

June 2025 – Present

Fintech — Credit Card Application platform used by agents to process credit card applications for U.S. consumers

- Architect and ship features across the agent credit card application and prequalification workflow, improving processing speed and applicant experience for millions of applications annually
- Lead feature squads as technical lead, owning design, code reviews, and end-to-end delivery across a Vue.js front end and Node.js services on AWS
- Integrated GenAI/LLM capabilities into application flows and internal developer tooling, personalizing the applicant experience and accelerating team engineering velocity
- Optimized front-end performance across the application funnel, reducing page load times and improving Core Web Vitals on high-traffic screens
- Expanded Playwright end-to-end test coverage and built Splunk dashboards and alerts, lowering production incidents and shortening mean-time-to-detect
- Mentor junior engineers through pair programming, architecture reviews, and knowledge-sharing sessions
- Own Jenkins CI/CD workflows deploying to AWS (Lambda, S3, ECS) in line with well-architected cloud and security standards

Technologies: Vue.js, Node.js, TypeScript, AWS (Lambda, S3, ECS), Jenkins, Splunk, Playwright, Jira

Senior Software Engineer, Etron Cloud – Arlington, VA

Oct 2024 – May 2025

Fintech — AI-powered wealth and investment management platform (UI lead)

- Built real-time data visualizations, user authentication, and interactive dashboards from the ground up for an AI-driven investment platform
- Developed the AI Registry use case, integrating LLMs and foundation models into core business workflows
- Designed responsive, theme-driven UI components with Tailwind, improving visual consistency across the platform
- Implemented REST APIs and services for reliable client-server data exchange
- Deployed and maintained Azure DevOps CI/CD pipelines for continuous integration and delivery

Technologies: Angular 18, TypeScript, RxJS, NgRx, Angular Material, Tailwind, SCSS, Azure DevOps

Senior Software Engineer, Tista Science and Technology – Rockville, MD

Feb 2021 – Aug 2024

GovTech / healthcare — UCM NexGen, a federal platform for investigating Medicare and Medicaid improper payments and fraud, waste, and abuse (sensitive healthcare and financial data)

- Delivered a document management service, a dynamic form framework with 50+ interactive pop-ups, and 20+ visualizations, alongside authentication and permission services
- Implemented a browser-based PDF editor with the Foxit SDK and led framework and library upgrades on a six-month cadence
- Architected REST APIs and backend services for reliable data storage and retrieval
- Reduced platform incident count by 75% through clean, maintainable TypeScript and code-quality standards

- Achieved 90% code coverage with Cypress, Karma, Jasmine, and Jest test suites

Technologies: JavaScript, TypeScript, Angular 15+, RxJS, NgRx, Angular Material, D3, Node.js

Senior Software Engineer, AAMC – Washington, DC

Dec 2018 – Jan 2021

EdTech / healthcare — AMCAS for Schools, admissions analytics used by 140+ U.S. medical schools

- Engineered visualization features that earned a 9/10 user satisfaction rating and 50% higher adoption than comparable AMCAS features
- Built an applicant statistics reporting suite with 20+ reports, 1,000+ fields, and custom filtering
- Implemented the FAP financial aid platform with 100+ input validation fields

Technologies: JavaScript, TypeScript, Angular 9+, Angular Material, Highcharts, SCSS

Software Developer, SuperiorApps LLC – Alexandria, VA

Mar 2017 – Dec 2018

Facility Management Information System (FIMS) for Dulles International Airport

- Automated maintenance operations, saving \$300K+ annually, by delivering Work Order, Timesheet, and Part Ordering modules that eliminated manual data hand-offs
- Authored 80+ optimized SQL queries, reducing facility maintenance time by 30%
- Scaled the platform to 500+ concurrent users

Technologies: JavaScript, Angular, Node.js, MySQL

Web Developer / Consultant, Alai LLC – Kyrgyz Republic

Dec 2010 – Nov 2016

- Built browser-based document-processing applications for government users and led the migration from paper-based workflows to digital, improving processing efficiency by 60%

Technologies: JavaScript, Node.js, Express, jQuery, HTML5, CSS3

PROJECTS

Advokit — no-code website-builder platform with a customer dashboard and drag-and-drop page editor

- Built the customer dashboard and marketing SPA in React 19 and Vite with React Router, integrating AWS Amplify, Cognito authentication, API Gateway, and Google OAuth
- Integrated a drag-and-drop page editor (VvvebJs/Express) with a shared design-token theme system powering multiple customizable site themes, deployed with Docker Compose and nginx

Aletha Health (alethahealth.com) — website redesign and mobile app for a health and wellness brand

- Redesigned the e-commerce website with Next.js and implemented middleware-based routing to redirect users across different versions of the site
- Built a cross-platform iOS and Android app in Flutter guiding users through Aletha Health tool routines with workout videos, scheduling, and progress tracking

AddSign — web platform for legally binding online document signing via Electronic Digital Signatures

- Built identity verification and authentication services using third-party APIs, React, Redux, Node.js, and Tailwind
- Implemented document-signing flows with encryption/decryption via official Cloud Digital Signature APIs, with signature verification and dual-party confirmation
- Developed a document management service with real-time status tracking (pending, signed, canceled) backed by RESTful Node.js APIs

EDUCATION & CERTIFICATIONS

AWS Certified Solutions Architect – Associate (SAA-C03), 2025; AWS Certified AI Practitioner (AIF-C01), 2024

MBA — Academy of Management under the President of the Kyrgyz Republic

B.A. in Economics (Finance and Banking) — International University of Kyrgyzstan

Star Performer Award, Tista Science and Technology, 2023 (peer-voted)