

Almaz Dolubaev

Senior Software Engineer

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SUMMARY

Senior Software Engineer with 10+ years of experience designing and delivering high-scale, customer-facing web platforms across fintech, healthcare, and federal programs. Currently building credit card acquisition experiences at Capital One for millions of U.S. consumers. Expert in modern JavaScript/TypeScript ecosystems (Vue, React, Angular, Node.js), cloud deployment on AWS, CI/CD automation, and GenAI/LLM integration. AWS Certified Solutions Architect – Associate.

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
- **Databases:** MongoDB, MySQL, SQL Server
- **Cloud & DevOps:** AWS (Lambda, S3, ECS), Azure, Azure DevOps, Jenkins, Git, Splunk, Jira, Heroku
- **AI / GenAI:** LLM integration, foundation models, prompt engineering
- **Exposure:** Flutter, AngularJS, Foxit SDK

WORK EXPERIENCE

Capital One | Senior Software Engineer | McLean, VA

Jun 2025 – Present

Driving full-stack engineering for Capital One's Card New Accounts & Acquisitions platform, delivering credit card application, prequalification, and onboarding experiences to millions of U.S. consumers using Vue.js, Node.js, TypeScript, AWS, Jenkins, Splunk, and Playwright.

- Architect and ship customer-facing features across the credit card application and prequalification journey, improving conversion and applicant experience for millions of cardholders annually.
- Serve as technical lead on feature squads — owning design, code reviews, and end-to-end delivery across Vue.js front-end and Node.js services deployed on AWS.
- Integrated GenAI/LLM-powered capabilities into customer-facing acquisition flows and internal developer tooling, enhancing applicant personalization and accelerating team engineering velocity.
- Optimized front-end performance across the acquisitions funnel, reducing page load times and improving Core Web Vitals on high-traffic application screens.
- Hardened platform reliability by expanding Playwright end-to-end test coverage and building 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, raising team-wide code quality.
- Own Jenkins CI/CD workflows and deploy to AWS (Lambda, S3, ECS) in alignment with Capital One's well-architected cloud and security standards; earned AWS Certified Solutions Architect – Associate.
- Partner cross-functionally in Agile/Scrum using Jira with product, design, and backend teams on sprint planning, backlog refinement, and release delivery.

Etron Cloud | Senior Software Engineer | Arlington, VA

Oct 2024 – May 2025

Delivered the front end of an AI-powered wealth and investment management platform as the UI lead, using Angular 18, TypeScript, RxJS, NgRx, Angular Material, Tailwind, and SCSS.

- Built real-time data visualizations, user authentication, and interactive dashboards from the ground up.
- Developed the AI Registry Use Case, integrating LLMs and foundation models to enhance 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.
- Partnered with product and engineering teams in Agile/Scrum to align delivery timelines with business priorities.

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

Feb 2021 – Aug 2024

Built the UCM NexGen platform — a federal solution for investigating and managing Medicare and Medicaid improper payments and fraud, waste, and abuse — using JavaScript, TypeScript, Angular 15+, RxJS, NgRx, Angular Material, and D3.

- Delivered a Document Management Service (upload/download), a Dynamic Form framework with 50+ pop-ups, and 20+ interactive visualizations, alongside authentication and permission services.

- Implemented a browser-based PDF editor leveraging the Foxit SDK; led framework and library upgrades on a six-month cadence.
- Architected REST APIs and backend services for reliable data storage and retrieval.
- Authored clean, maintainable TypeScript/JavaScript that reduced platform incident count by 75%.
- Achieved 90% code coverage with comprehensive Cypress, Karma, Jasmine, and Jest test suites.
- Drove Scrum/Kanban practices that accelerated onboarding, tightened delivery timelines, and improved stakeholder satisfaction.

AAMC | Senior Software Engineer | Washington, DC

Dec 2018 – Jan 2021

Built the 'AMCAS for Schools' platform, delivering streamlined admissions analytics to 140+ U.S. medical schools using JavaScript, TypeScript, Angular 9+, Angular Material, Highcharts, and SCSS.

- 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 aid platform for medical school applicants with 100+ input validation fields.

SuperiorApps LLC | Software Developer | Alexandria, VA

Mar 2017 – Dec 2018

Developed the Facility Management Information System (FIMS) for Dulles International Airport (IAD), automating maintenance operations and saving \$300K+ annually using JavaScript, Angular, and Node.js.

- Delivered Work Order, Timesheet, and Part Ordering modules, eliminating manual data hand-offs across airport departments.
- Authored 80+ optimized SQL queries that reduced facility maintenance time by 30%.
- Scaled the platform to 500+ concurrent users with Angular, Node.js, and MySQL.

Alai LLC | Web Developer / Consultant | Kyrgyz Republic

Dec 2010 – Nov 2016

Built browser-based document-processing applications for government users with JavaScript, Node.js, Express, jQuery, HTML5, and CSS3. Led the migration from paper-based workflows to digital, improving processing efficiency by 60%.

OTHER PROJECTS

AddSign — Web platform for legally binding online document signing via Electronic Digital Signatures (EDS)

- Built an authentication service to verify official identities using third-party APIs, React, Redux, Node.js, and Tailwind.
- Implemented the document-signing flow with encryption/decryption via official Cloud Digital Signature APIs.
- Added signature verification and dual-party confirmation to ensure legitimate signatures.
- Developed a Document Management Service for upload/download with real-time status tracking (pending, signed, canceled).
- Designed and delivered scalable RESTful APIs in Node.js for reliable client-server communication.

EDUCATION

Master of Business Administration (MBA) — *Academy of Management under the President of the Kyrgyz Republic*

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

CERTIFICATIONS & AWARDS

AWS Certified Solutions Architect - Associate (SAA-C03) — 2025

AWS Certified AI Practitioner (AIF-C01) — 2024

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

ACTIVITIES

Avid snowboarder and hiker.