

Ulan Murzatayev

Senior Software Engineer • Engineering Leader

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Summary

Experienced software engineer and technical leader with 15+ years across startup and enterprise environments. Specializing in full-stack development, distributed systems, and AI-powered solutions. Proven track record in leading engineering teams, driving innovation, and aligning technical execution with business goals.

Skills

Languages: TypeScript, JavaScript, Python, Java

Frameworks: Angular, React, Next.js, Node.js, Express, Django, Magento, Symphony

DevOps & Infrastructure: Docker, Kubernetes, Terraform, AWS, GitHub Actions, CI/CD, Kafka, RabbitMQ, OpenWhisk

Databases: MongoDB, DynamoDB, Redis, PostgreSQL

Tools: Git, Jira, Figma, Confluence, VS Code, Cursor

AI / ML: OpenAI APIs, LangChain, Datadog LLM Obs, Anthropic Claude

Leadership & Methodologies: Engineering Team Leadership, Agile, Scrum, Sprint Planning, Hiring, Mentoring, Cross-functional Collaboration, Stakeholder Management

Business Skills: Customer Engagement, Pre-Sales Support, Solution Engineering, Technical Demos

Education



Computer Science (B.Sc.)
The University of Texas at Austin, 2013

Experience (Last 10 years)

Senior Software Development Engineer, Tech Lead

Sitemate, <https://sitemate.com>

November 2018 - July 2025, Sydney, Australia (remote), 7 years

Led development efforts in a globally distributed team at a fast-growing SaaS company helping businesses digitize their operations across industries such as construction, mining, environmental management, and safety. Collaborated closely with the CTO, CEO, and product managers on mission-critical initiatives as the company scaled from an early-stage startup to Series A funding, with the engineering team growing from 2 to over 50 members.

Key achievements:

- Migrated the company's authentication infrastructure to a centralized identity provider using FusionAuth
 - Designed and implemented a custom Role-Based Access Control (RBAC) system
 - Built a service for the go-to-market team to generate personalized demo environments with AI-generated content
 - Developed an AI-powered document parsing system to streamline data extraction and improve user workflows
 - Mentored numerous junior developers, several of whom went on to become strong individual contributors and leaders within the organization
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CTO, Chief Technology Officer

STRONG, <https://strongte.am>

May 2017 - November 2018, Almaty, Kazakhstan (on-site) 1.5 years

Managed multiple distributed development teams delivering customer-facing solutions for major domestic and international banks, including Halyk Bank, Qazkom, Alfa Bank, Astana Bank, and Sky Bank. Oversaw teams across backend, frontend, mobile, DevOps, and QA, ensuring successful project delivery and close alignment with client expectations. The total head count is around 20 engineers.

Key achievements:

- Standardized software delivery practices using Scrum methodologies, improving consistency and delivery speed
 - Led the development of a microservices-based platform reused across multiple client implementations
 - Directed the creation of a robust internal tooling ecosystem, which accelerated developer onboarding and established strong internal engineering standards
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Software Development Engineer

Aurea, <https://aurea.com>

November 2015 - May 2017, Austin, TX, USA (remote), 1.5 years

During my time at Aurea I have participated in several projects, where my key responsibilities were to work with user interfaces of the company's diverse product set: a large scale ERP system (GCE), special purpose database, BI system for automotive industry names like: BMW, Mazda, Hyundai, Genesis, Mini

Key achievements:

- Rolled out a completely new user interface for several core modules of a large-scale ERP system, and coordinated its application through the rest of the system.
 - Developed multiple core modules of a BI system for the automotive lead generation product, mostly concentrating on improving stability and performance.
 - Created UI panel modules for a special purpose database system
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CTO, Chief Technology Officer

Alem Research, <https://alem.kz>

February 2015 - January 2016, Almaty, Kazakhstan (on site), 1 year

I managed a team of around 15 people working on an automated media monitoring service. On this position I had many responsibilities:

- Collaborated with customers, company executives, engineering, sales and design teams to form a product vision
- Recruiting talents to the team
- Prioritizing features, iteration planning
- Drove architectural decisions in order to ensure steady growth, fault tolerance and maintainability

For the time I was working here I was able to help the team to roll out a new version of the product, release a mobile version, move 100% of the company's infrastructure from an on-site server room to the cloud, establish agile development with scrum and continuous integration workflow.

Previous Experience

All previous experience can be viewed on my LinkedIn profile page: <https://www.linkedin.com/in/murzatayev>