

Dilyara Tulegenova

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Work Experience

Career Break | USA | 12/2022 – 05/2025

- Relocated to the U.S. and enrolled in a Master of Science in Computer Science program at Georgia Institute of Technology.
- Took parental leave while continuing professional development through academic and project-based learning.

Software Engineer | Craver Solutions | Vancouver, Canada | 05/2022 – 11/2022

- Created and deployed cross-platform mobile applications for iOS and Android.
- Provided on-call support for bug resolution, performing in-depth debugging and code reviews to deliver timely fixes and minimize downtime.
- Researched and delivered technical solutions to clients, improving their operational efficiency.
- Utilized front-end technologies including CSS, HTML, and React, and managed data using SQL databases.
- Onboarded and mentored new developers, promoting a collaborative and productive team environment.

Software Engineer | eMJA | Vancouver, Canada | 11/2021 – 04/2022

- Developed and enhanced web applications using React and Next.js, improving customer-facing functionality.
- Ensured comprehensive test coverage in a TDD environment, minimizing post-release defects.
- Participated in end-to-end testing to validate features against business and technical requirements.

Project Administrator | Niradia Group of Companies | Vancouver, Canada | 05/2020 – 08/2021

- Managed multimillion-dollar construction projects, including scheduling, budgeting, reporting, and documentation.
- Conducted cost estimation and data analysis using Excel and Onscreen Takeoff software to support competitive bidding.
- Coordinated between internal teams and external stakeholders to resolve operational bottlenecks and maintain project timelines.

Education

Master of Science in Computer Science | 2023 - Expected 2026

Georgia Institute of Technology, USA

Master of Engineering in Construction Engineering and Management | 2018 - 2020

University of Alberta, Canada

Bachelor of Science in Civil Engineering | 2010 - 2014

West-Kazakhstan University, Kazakhstan

Skills

- **Programming Languages:** Java, JavaScript, Python, SQL
- **Frameworks & Technologies:** React, Next.js, Angular, .Net, RESTful APIs, [D3.js](#)
- **Business Analysis:** Agile methodology, requirements gathering, root cause analysis, process documentation, test planning
- **Project Tools:** JIRA, Git, Excel, Onscreen Takeoff, Confluence
- **Soft Skills:** Communication, attention to detail, cross-functional collaboration, time management

Projects

Moditext Command-Line Utility (Individual Project) | Georgia Institute of Technology | 2024

- Developed Java and Python-based utilities using Test-Driven Development (TDD) and JUnit.
- Designed test frameworks and validated application performance under edge case scenarios.

BuzzBid Online Auction Website (Team Project) | Georgia Institute of Technology | 2024

- Created Information Flow Diagrams (IFDs) and Enhanced ER diagrams to design scalable system architecture.
- Built and optimized SQL schemas and queries to enable seamless and efficient user interactions.