

Dilyara Tulegenova

San Diego, California | +1 619 417 6020 | dtulegenova3@gatech.edu | [[LinkedIn](#)] | [[Portfolio](#)]

Objective

Innovative and detail-oriented software developer with a strong foundation in front-end and full-stack development. Experienced in building scalable, user-friendly solutions and integrating advanced data visualization. Passionate about leveraging cloud platforms, software design, and agile methodologies to drive impactful business solutions.

Education

MS in Computer Science (GPA: 3.75) **Georgia Institute of Technology (Online)** **Sept 2023 - Present**

- Focus Areas: Data & Visual Analytics (Java, Python, Tableau, PySpark), Software Architecture & Design (Java, UML), Software Development Process (JUnit), Database System Concepts (SQL)
- Hands-on experience with cloud platforms: AWS, GCP, and Azure.

Work Experience

Software Developer **Craver Solutions** **May 2022 – Nov 2022**

- Designed and implemented new features for mobile applications using React-Native, enhancing cross-platform usability for iOS and Android.
- Automated build and deployment processes using Bitrise
- Integrated Firebase for mobile notifications, ensuring timely and reliable user updates.
- Streamlined data operations by integrating RESTful APIs, improving application functionality.
- Maintained technical documentation and knowledge bases in Confluence to support team collaboration.
- Fixed bugs and handled on-call duties to maintain application stability and uptime.
- Mentored junior developers to improve onboarding efficiency and technical skills.
- **Technologies:** React, SQL, RESTful APIs, Git, HTML, CSS, JavaScript, Firebase, Bitrise.

Software Developer **eMJA** **Nov 2021 – Apr 2022**

- Enhanced project user interfaces using Next.js and Chakra UI, ensuring responsive designs.
- Developed new page layouts, adhering to client specifications and business requirements.
- Provided code reviews, contributing to quality assurance and knowledge-sharing among peers.
- **Technologies:** JavaScript, HTML, CSS, Next.js, RESTful APIs, Git.

Projects

Opioid Predictors in Homelessness (Team Project) **Sept 2023 – Dec 2023**

- Conducted data aggregation and research to identify factors contributing to homelessness.
- Visualized key predictors and outcomes using D3.js, aiding decision-making processes.

BuzzBid Online Auction Website (Team Project) **Jan 2024 – Apr 2024**

- Designed Information Flow Diagrams (IFDs) and Enhanced Entity-Relationship Diagrams (EERDs).
- Created database schemas, performed EER-to-relational mapping, and wrote SQL queries.
- Developed abstract code for smooth integration into the system.

Moditext command-line utility (Individual Project) **May 2024 – July 2024**

- Developed a command-line utility in Java using Agile and Test-Driven Development (TDD).
- Used TSL generator tools to create test frames, ensuring robust functionality.
- Wrote comprehensive JUnit tests to validate application performance and reliability.