Armine Khachatryan

ServiceTitan
801 N. Brand Blvd, Suite #700
Glendale, CA 91203
United States

Armine Khachatryan
(818) 634 - 8483
arminekhachatryan417@gmail.com
17210 Baltar Street
Van Nuys, CA 91406
United States

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Software Engineer

Dear ServiceTitan Hiring Manager,

I am excited to be applying to the Software Engineer position at ServiceTitan.

With a Bachelor's degree in Computer Science, currently pursuing a Master's degree in Software Engineering, and the experience obtained throughout my employment at Matador Emerging Technology and Arts Lab (META+LAB), I believe I will be a great asset to your organization.

At META+LAB, we use Agile and Scrum methodologies, such as sprint planning, daily stand-ups, backlog refinement with Jira, sprint retrospective, and client demos. Aside from being Scrum Master of my team, I am also a software engineer, having worked on various front-end and back-end tasks, such as implementing Vue-Croppa for image uploads, improving query efficiency with eager loading, and creating middleware for different roles. As a back-end intern at the same company, my team utilized the repository pattern and leveraged test-driven development.

Recently, I took a Software Verification and Validation course at California State University, Northridge and was exposed to a lot of test automation and property based testing. One of the assignments we were given was to write automated tests for binary tree functions, such as BFS, DFS, max depth, and node count in Java using JUnit and achieving 90%+ code coverage on Jacoco reports, which is a Maven plug-in. Every student was also required to choose a personal project and apply advanced testing techniques to it. I chose my project called Meddit, which is a full stack forum with authentication, authorization, and a nested comments functionality, using Laravel, Vue, and MySQL. Before testing this application, I refactored it to follow the repository pattern and then wrote automated tests for it.

I have built many full stack web applications and Web APIs throughout the past two years, and I have some experience deploying with Amazon Web Services, Microsoft Azure, and GitHub Pages. I am currently learning C#, ASP.NET MVC, React, and Microsoft SQL Server to implement a simple addressbook, where after the user logs in, they are able to create, view, edit, and delete their contacts. I also use Visual Studio Code for development at META+LAB and for personal projects.

Aside from being a woman in software engineering, during my free time, I also enjoy cooking, baking, drawing, hiking, and traveling. As a software engineer, I will bring my work ethic, passion, adaptability, and commitment to learning to ServiceTitan.

Thank you for your time and consideration. I look forward to speaking with you about this opportunity.

Sincerely,
Armine Khachatryan