Joel Milligan | Software Engineer

Amsterdam

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Engineer with Frontend and Backend development experience focused on writing clean, easily-readable, and tested code. Passionate about travel, music-making, film, and getting out of my comfort zone. Up to 3 references upon request.

Relevant Work Experience

GUTS Tickets/Get Protocol   **Amsterdam, NL**
Backend Engineer   *2022–Present*

Working on backend python (Django) and golang (fasthttp) webservices together with RabbitMQ and PostgresSQL database. Also working on a React Native app and was able to improve the check-in experience for users at events by reducing failing codes within the app by 10%.

USAA   **San Antonio, TX** - **Remote**
Full-Stack Engineer   *2020–2022*

Worked with nodeJS and python backend webapplications for Slack and Box integrations. Helped to onboard USAA by migrating their 65,000 employees from Skype onto Slack.

Datasite   **NYC**
Platform (Backend) Engineer   *2018–2020*

Worked on nodeJS microservices, some of which used GraphQL along with RMQ and Mongo. Designed and coordinated the team through a Database schema redesign and migration that reduced load times from over 9000 miliseconds to under 1500 miliseconds for the most important queries.

Universal Studios   **Orlando, FL**
Microservices Engineer   *2018*

Worked in nodeJS microservices using express web framework. Later was placed as lead of a 5-person team with the goal of rewriting several microservices at the park to be eventually consistent instead of strongly consistent.

○ Additional history available on request.

Education

VU/UvA Joint Master's Degree in Software Engineering and Green IT   **Amsterdam, NL**
Networked Systems Performance, Distributed Algorithms, Adaptive Software, ML/AI   *2022–Present*

Technical Proficiencies

○ **Programming Languages:** NodeJS/Typescript, Python, Golang.

○ **Tools and Frameworks:** Git, Gitflow, Gitlab/Github CI, Kubernetes, PostgresSQL, MongoDB, Docker, NPM/Yarn, React, React Native.

○ **Interpersonal:** Communication within and across teams, comfortable presenter, proactive.