

# Tylus Dawkins

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## Full-Stack Engineer

I'm Tylus Dawkins, an agile Full-Stack Engineer driven by a passion for innovation and a commitment to excellence. With expertise in React, AWS, and a diverse skill set honed through roles at Liberty Mutual and Doka, I craft seamless, user-centric web applications. I empower teams and individuals alike, fostering growth and collaboration, making a meaningful impact on projects and guiding future engineers. My dedication to continuous learning, coupled with my inclusive leadership style, makes me a valuable asset for any organization seeking to drive innovation and achieve success in today's dynamic tech landscape.

## Areas of Expertise

**Front-End Languages/Tools:** JavaScript | TypeScript | React.JS | Next.JS | Angular 2 | Django | HTML | CSS

**Back-End Languages/Tools:** PostgreSQL | MongoDB | MySQL | Sequelize | Node | Express | Django | Python

**Other Tools/Concepts:** Git | RESTful API | CI/CD | CRM | ORM | AWS | Microsoft 360

## Experience

**Liberty Mutual, Software Engineer**

**06/01/2022-12/01/2023**

Previously worked creating web applications for internal firewall applications This allowed users to store AWS CFT/Azure ARM firewall variables and export to a single container for cloud deployments. Later I developed chatbots using Javascript/TypeScript AWS Lex, AWS Lambdas, AWS Cloudwatch, etc.

- Worked with Django to create model forms, paths, views, templates, forms, etc to create a Dynamic frontend and backend application making firewall creation, management and deployment 80% faster.
- Increased customer containment by 40% by creating actions for telephone chatbot using AWS Lex, Lambda, Javascript, and Typescript.
- Managed CI/CD through use of Atlassian's Bamboo Deployment service.
- Used AWS Cloudwatch to log metrics for both program health as well as capture analytics for applications, used DataDog to visualize these metrics
- Worked in a team in an agile environment using scrum methodology, and collaboration with other teams to drive business value.
- Participated in backlog management, user story creation, ticket creation and task prioritization using scrum and agile methodologies.

**Doka, Frontend Engineer**

**04/01/2022-03/01/2024**

Worked with React and Angular writing features for an internal order-tracking app.

- Built React and React components, api-services, and maintained 100% testing coverage in Javascript/TypeScript, as well as updated existing code base for better practices, and developed applications from mockups through to finished product, organized code, deployed with Azure DevOps.
- Communicated with key stakeholders and project management to create a backlog of bug fixes and new features that needed to be added to the application.

**General Assembly, Teaching Assistant**

**10/01/2022-Present**

Worked part-time instructing, guiding, and tutoring over 250 future software engineers.

- Provided expert opinion and advice while influencing without authority on student projects in an approach to foster willingness to learn coding best practices.
- Educated students on agile methodology consisting of daily standups, backlog refinement, sprint planning and refinement to provide a head start in their career.
- Leveraged my full-stack developer experience to aid students in homework, projects and teaching assistant hours while providing professional and technical feedback.
- Created an atmosphere of inclusion and acceptance to foster student growth while assisting them with tools and skills to build professional relationships.

## Education

**General Assembly**

**02/01/2022-05/01/2022**

Software Engineering Immersive Certificate (420 course hours)