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Employment

Staff Software Engineer	Drift	July 2021 - Present
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Messaging Team, New York, NY (Remote)

- Optimized our architecture to increase Drift's active conversations capacity 3x, from 100/min to 300/min.
- Migrated and deployed Drift's message sending infrastructure in EU datacenter for the first time.
- Reduced downtime from previous quarter 3x by eliminating dependencies and improving alarming.

Technical Lead	Drift	January 2020 - Present
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Messaging and Meetings Teams, Boston MA

- Oversaw the growth path of two engineers by holding weekly 1 on 1's and quarterly reviews.
- Communicated with our product manager on project timelines and aligned on technical priorities.
- Broke larger projects into milestones that allowed engineers to work in parallel without blocking each other.
- Prioritized and resolved incoming bugs and tickets with our support team.

Sr. Software Engineer	Drift	October 2019 - July 2021
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Meetings Team, Boston, MA

- Improved Meeting Scheduling SLO from 96.2% to 99.9% success rate, and decreased Availability Search SLO from 5s to 2s (99th percentile). Accomplished this by refactoring and optimizing legacy code.
- Separated Meetings functionality from a monolith architecture into its own microservice, with no downtime. Also updated the code to Java11 during this time.
- Built text messaging and phone calling features using Twilio in a multi-team effort.
- Built out the full stack Zoom integration to include zoom meetings links on Drift calendar events, and allow users to start a call from the chat view. Front end was written in React.js using Typescript.

Software Engineer	Drift	June 2018 - October 2019
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Meetings Team, Boston, MA

- Built out Google and Microsoft calendar integrations, which allowed users to book meetings with their customers directly through Drift. Supported OAuth 2.0 connections, and handled errors from these APIs.
- Built the Drift Assistant, which sends personalized reminder emails to a customer before a meeting. Functionality was written in Java8, using Dropwizard.
- Maintained 99.9% success rate for Assistant emails by reducing dependencies and establishing fallbacks.

Software Engineer	128 Technology	March 2017 – June 2018
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Application Services Team, Burlington, MA

- Worked in a 90 person startup building a next generation, session smart, SD WAN router.
- Designed and implemented various services such as DNS, DHCP, and PPPoE.
- Features were written in C++14, while CLI components and integration tests were written in Python3.

Education

Worcester, MA	Worcester Polytechnic Institute	Fall 2013 – May 2017
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- B.S. in Computer Science. GPA: 3.21 / 4.0
- **Related Coursework:** Object Oriented Analysis and Design, Network Security, Artificial Intelligence, Database Systems, Data Mining, Embedded Systems, Data Science, Linear Optimization, Operating Systems, Webware

Languages and Technologies

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- **Languages:** Java, Python, Javascript/HTML/CSS, C++, SQL, Bash
 - **Frameworks and Libraries:** Dropwizard, React.js, Typescript, Spring
 - **Tools:** Git, AWS (Dynamo, EKS, SNS/SQS, Kinesis, S3), Kubernetes, Maven, NPM, Lightstep, Kibana, Grafana, GCP, Mode, Jira, Slack