Asher Schectman

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Technical Skills   Python, Django, React, JavaScript, Redux, SQL, Git, AWS, Ruby on Rails, Elasticsearch, Redis, DynamoDB

EXPERIENCE

Software Engineer II (Level 3)
Vimeo, May 2021 - Present
- Served as team lead on hundreds of tickets, taking charge of the entire development cycle including design implementation and testing.
- Planned, developed and implemented a live maintenance mode feature improving database downtime by over 90% through the use of read only database followers.
- Expanded the application's OAuth handling by patching Doorkeeper's OAuth library to decrypt and validate additional grant types.
- Instituted CDN for robust caching and edge authentication improving speed and performance by over 30% and preventing attackers from reaching the application.
- Initiated, designed and executed remote logout capabilities for customers on web and mobile applications giving customers total control over account usage.
- Implemented API v2 endpoints and features for internal and external use, including v2 searching and v2 error handling for a faster and easier-to-use API.
- Improved database schema and associations for collection items table improving lookup time by 30% and simplifying queries.
- Developed an API integration between Vimeo's core and OTT products allowing users to authenticate and transfer content between Vimeo and OTT.
- Designed and built a load-testing application used to make up to 50,000 requests per second, ensuring the application's reliability and determining its ability to scale.

Software Engineer II
Circulation/Logisticare, Dec 2019 - May 2021
- Planned, wrote, and implemented driver API endpoint with full CRUD functionality to fully allow database and frontend integration for drivers.
- Created and implemented a sandbox environment which mocked the behavior of the platform from end to end, used by prospective clients to book thousands of test rides.
- Integrated live webhooks events to and from third party ride scheduling APIs to handle location tracking, ride scheduling, and billing.
- Optimized data storage and lookup time through Elasticsearch indexing and querying, improving speed and efficiency by over 20%.
- Oversaw and developed daily rider sync microservice, which integrated a Python Fabric library to an EC2 instance and S3 storage, and uploaded hundreds of thousands of riders from multiple clients.
- Leveraged Twilio's messaging API and Django's translation service to send and receive IVR and SMS messages to and from riders and organizations.
- Outlined created and maintained error handling through creation of an Operational Alert workflow, Django-Slack integration and custom logging decorators.
- Incorporated DynamoDB with Geo-location webhooks to allow riders and drivers to track live location in mobile and web applications.
- Served as Backend Goalie to monitor and repair errors and performance issues allowing for a smooth and uninterrupted user experience.
- Worked in an Agile and TDD environment using Jira and Gitlab for workflow, and pytest for unit testing.

EDUCATION
App Academy - #1 rated software development bootcamp in New York with less than 3% acceptance rate**.**   Aug - Nov 2019