

LEONARD HAWKES

Software Engineer

📍 Brooklyn, NY

EXPERIENCE

Software Engineer

JPMorgan Chase & Co.

📅 2021 - Present 📍 Jersey City, United States

Maintain and add features for our product Real-Time Payments

- Lead 5 junior engineers, emphasizing clean code and advocating for refactoring during code reviews, resulting in a 30% increase in overall code coverage
- Successfully migrated 2 codebases to AWS, overcoming challenges such as limited access by implementing strategic file changes and repository settings adjustments
- Managed end-to-end production deployments for the frontend, from testing in our lower environments as well as coordinating with DevOps for seamless implementation
- Spearheaded migration from legacy framework to React/Typescript, resulting in outdated code elimination and emphasizing CI/CD
- Achieved a 15% decrease in latency of our loading pages by reducing React packages and enhancing state management
- Migrated the content delivery system from a traditional CDN to GraphQL, reducing API response times by 40% and enabling more dynamic and flexible data querying

Operations Lead

MCPc

📅 2021 📍 Pittsburgh, United States

- Close tickets after field technicians completed Windows migration
- Perform live troubleshooting in ICU
- Upload software patches to thousands of desktops

IT Help Desk Technician

Credit Management

📅 2019 - 2020 📍 Location

- Built user network profiles, reset passwords, and unlocked accounts in Active Directory
- Demonstrated knowledge of remote desktop connections, peer-to-peer file sharing, and other applications associated with remote IT assistance
- Migrated a company that was completely on-site to a remote working environment based on government shutdown requirements

Radio Frequency Engineer

Teleworld Solutions

📅 2019 - 2020 📍 United States

- Spearheaded testing of 5G Network before releasing it to the public
- Collected data to support the optimization of LTE networks using XCAL software
- Conducted stationary and mobility tests at work sites to check/verify throughput
- Collaboratively gathered the data for upload/download speed and ping time testing

SKILLS

React Typescript Javascript

HTML/CSS Node.js Git/Github

AWS Jira Jenkins Spinnaker

GraphQL CI/CD Java

Springboot Cucumber Figma

UX/UI AI MongoDB Express

PROJECTS

PilotHelper

📅 2024 - Present 📍 Brooklyn, United States

Designed and developed a [real-time chat application](#) offering confidential support to pilots

- Built a secure chat application for pilots using React, TypeScript, and MongoDB, hosted on Heroku and Squarespace
- Developed RESTful APIs to fetch real-time chat messages, ensuring robust data persistence and retrieval
- Implemented SSL/TLS certificates and custom DNS configurations, enhancing site security and user trust
- Integrated simulated typing indicators and timestamps for enhanced user interaction and engagement
- Designed and deployed a custom GPT-powered AI assistant to provide real-time, contextual support for users

PATENTS(PENDING)

Systems and Methods for Processing Streams of Balance Transfer Data Records

Patent Application #(IDF-2022-0296-US01)

Filed: 10/25/2022 with U.S Patent & Trademarks Office(USPTO)

<https://patentcenter.uspto.gov/applications/18049433>

CERTIFICATIONS

AWS Cloud Practitioner

Validation Number: 2RNT3JJK4NF4Q29N