BROOKLYN, US • LEONARDHAWKESJR@GMAIL.COM • 412 853 3373

LEONARD HAWKES

SENIOR SOFTWARE ENGINEER | FOUNDER | PUBLIC SPEAKER

Software Engineer with 6+ years of experience building high-performance applications using React, GraphQL, and AWS. Proven track record in leading teams to improve code quality and cut API response times by 40%. Founder of VibeLink, a cross-platform music link conversion app live on iOS/Android with Spotify, YouTube, and Apple Music integration. Skilled in product development, growth strategy, and in-app purchase systems. Active public speaker on AI, fintech, and emerging technologies.

TECHNICAL EXPERTISE

React, React-Native, TypeScript, JavaScript, HTML, CSS, Node.js, Git, AWS, Jira, Jenkins, Spinnaker, GraphQL, CI/CD, Java, Springboot, MongoDB, Gradle, Express, Restful APIs, Figma, Bootstrap, Web Development, Front-End Framework, JQuery, Microservices, Cloud Architecture, Team Collaboration, Code Optimization, Problem Solving, User Acceptance Testing, Code Coverage, Kotlin, Swift, Technical Documentation.

EMPLOYMENT HISTORY

SOFTWARE ENGINEER III
JPMorgan Chase & Co.

Jan 2025 - Present
Jersey City, New Jersey

- Enhance Real-Time Payments with new features, boosting efficiency and user engagement.
- Lead full-cycle React app development, optimizing performance and scalability.
- Collaborate with teams to create intuitive interfaces, elevating user satisfaction.
- Guide technical discussions, shaping crucial design decisions for robust architecture.
- Improve UI application, enhancing maintainability and performance through best practices.
- Direct end-to-end React application lifecycle for Real-Time Payments, making critical technical decisions that ensure platform stability, performance, and scalability.
- Pioneered integration of advanced analytics in Real-Time Payments, driving measurable improvements in transaction speed and accuracy.

SOFTWARE ENGINEER
JPMorgan Chase & Co.

May 2021 - Jan 2025
Jersey City, New Jersey

- Lead 5 engineers, improving code coverage by 30% through clean code practices.
- Migrated codebases to AWS, solving access issues with strategic changes.
- Managed production deployments, ensuring smooth frontend implementation.
- Reduced API response times by 40% with GraphQL, enhancing data querying.
- Decreased page latency by optimizing React packages and state management.

OPERATIONS LEAD
MCPc

Nov 2020 - May 2021
Pittsburgh, Pennsylvania

- Oversee ICU tech support, ensuring critical systems remain operational with swift issue resolution.
- Directed Windows migrations, enhancing efficiency and reducing downtime for over 1,000 endpoints.
- Implemented software patches, maintaining network security and operational continuity.
- Documented migration processes, streamlining future project planning and execution.

IT HELP DESK TECHNICIAN
Credit Management

Nov 2019 - Jul 2020
Pittsburgh, Pennsylvania

- Managed user accounts and passwords in Active Directory, enhancing security protocols.
- Facilitated seamless transition to remote work, ensuring business continuity.
- Utilized remote desktop tools to resolve IT issues, improving response efficiency.
- Supported peer-to-peer file sharing, optimizing remote collaboration.
- Adapted IT infrastructure to meet government shutdown requirements, maintaining productivity.

LINKS

Portfolio: <u>leonardhawkes.com</u>, LinkedIn: <u>linkedin.com</u>, VibeLink: <u>getvibelink.com</u>.

CERTIFICATIONS

CLOUD PRACTITIONER **Present**
Amazon Web Services

PATENTS

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)

PROJECTS

VIBELINK
Mobile Application

- Built a React Native mobile app enabling users to convert and share music links across Spotify, YouTube, and Apple Music with real-time link parsing and platform detection.
- Implemented In-App Purchases (IAPs) for credits, monthly, yearly, and lifetime premium tiers using react-native-iap and tested via Play Store and TestFlight closed/open testing tracks.
- Designed a daily credits system with local persistence (AsyncStorage), automatic 8 PM EST refresh, and Instagram follow bonus to drive free-tier engagement.
- Enhanced user experience with haptic feedback, autoplay Apple Music links, and shareable conversion results, achieving sub-3-second average link processing.
- Deployed production builds to Google Play Open Testing and TestFlight, managing store listing assets, app signing, and release activation.

PILOTHELPER
Project

- Developed a comprehensive React 19 training platform with Firebase authentication, Firestore database integration, and real-time progress tracking for aviation professionals
- Built dynamic PDF certificate generation system using PDF-lib, creating personalized certificates with automated user data insertion and download functionality
- Implemented responsive, mobile-first UI with Apple-style navigation, smooth animations, and accessibility features using Bootstrap 5 and custom CSS
- Created interactive e-learning experience with multi-slide presentations, immediate quiz feedback, and cross-device progress persistence for seamless user experience
- Designed specialized aviation safety training application demonstrating domain expertise in pilot mental health and peer support certification requirements