

Harry Winkler

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SUMMARY

Proficient Software Engineer versed in designing, developing, and maintaining both mobile and web applications. Extensive experience deploying and maintaining cloud services. Skilled in Java, Kotlin, Javascript ES6, Typescript and Python. Experience with Test-Driven-Development, ADA Accessible UI implementation, continuous integration tools, and agile software development methodologies. Excels in collaborative environments and has a strong understanding of the software development lifecycle and modern architecture patterns.

SKILLS

- **Programming Languages:** Kotlin, Java, XML, Javascript (ES6), TypeScript, Python, HTML5, CSS, Bash, C#, Swift
- **Frameworks:** Android SDK, Spring Boot, Spring Framework, .NET Core, React, Angular, Node.js, Vue.js, jQuery, Next, Tailwind, Express, Django, JUnit, Cypress, Django
- **Database/Cloud:** Oracle, PostgreSQL, SQLite, MongoDB, GraphQL, Redis, AWS, Kubernetes, Heroku, Vercel, Docker, Google Cloud Services, AWS DynamoDB, AWS Lambda, Amazon S3
- **APIs and Libraries:** RESTful APIs, Picasso, Glide, Dagger2, Hilt, RxJava, Lodash, Kafka, Hibernate
- **Project Tools:** Git, Github, Teams, Bitbucket, SonarQube, Crashlytics, JIRA, Trello, Slack, Confluence, InVision, Figma, Jenkins, Postman
- **IDE:** Android Studio, IntelliJ IDEA, Eclipse, VS Code, vim

EXPERIENCE

- **JP Morgan Chase & Co** Wilmington, DE
Software Engineer II Reference Data Aug 2023 - Present
 - Worked closely with a small team maintaining 20 internal services for managing easy-to-define, instantiate, and consume group data structures used downstream for processing purposes.
 - Worked to transition all services from VPS to AWS platform to reduce costs.
 - Developed and deployed serverless applications using AWS Lambda, resulting in a 25% reduction in back-end processing times and enhanced scalability during peak usage periods.
 - Maintained and enhanced existing legacy Java applications ensuring stable performance, load balancing, and vulnerability mitigation using AppDynamics, Grafana, Splunk and other tools.
 - Developed and implemented new features using Springboot and React, adding new functionality and a complete UI overhaul.
 - Conducted comprehensive unit and integration testing with JUnit and Espresso to ensure software reliability.
 - Actively participated in Scrum ceremonies, contributing to sprint planning, retrospectives, and daily stand-ups, enhancing team agility and project transparency.
 - Collaborated closely with business stakeholders across all 3 LOBs to align application development with requirements and timelines.
 - Optimized product quality through comprehensive code reviews, pair programming, and refactoring resulting in increased efficiency and optimized compute costs.
 - Managed Jenkins CI pipelines, ensuring remote testing, code quality, manual testing documentation, and coverage rules enforced before deployment
- **Wells Fargo** San Francisco, CA / Remote
Senior Android Developer Aug 2021 - Jul 2023

- Contributed to the full redevelopment of the Android application, adapting all features from Java/WebView to full native Kotlin functionality.
- Used updated Jetpack Components like RoomDB, Datastore, Navigation Component,
- Monitored production errors and performance issues, utilizing ADB and Crashlytics for hypercare
- Collaborated with Node.js backend services and integrated using Retrofit and Moshi for API calls.
- Monitored performance and crash information for a live application with 10M+ downloads.
- Interfaced with ContactProvider and Zelle 3rd party APIs to prefetch users in 'ready to transfer' feature.
- Used deep linking to implement the Guided Account Set-Up feature, navigating users directly to the many portions of the application.
- Collaborated closely with design and business to launch the new LifeSync financial planning tool, providing users with a dashboard and live investment data.

• **Rave Business Systems**

Philadelphia, PA

Android Developer

Aug 2020 - Dec 2021

- Developed modern Android Applications for various retail and corporate clients using Kotlin, Java, Flutter, and React Native.
- Implemented Jetpack architecture components including Compose, ViewModel, LiveData, DataStore, RoomDB, Navigation Component, and others.

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• **Pathrise**

New York, NY / Remote

Software Engineer I

May 2021 - Aug 2021

- Engineered and deployed scalable full-stack web applications using React, Node.js, and MongoDB, focusing on optimizing user interfaces and backend services for performance and efficiency.
- Collaborated with cross-functional teams to define project scopes and requirements, translating business and user needs into technical specifications and user stories.
- Performed debugging and maintenance for existing applications, implementing fixes and enhancements to improve overall system reliability and user satisfaction.
- Contributed to the development and documentation for RESTful API services, enhancing communication between frontend and backend components.

• **La Colombe Coffee Roasters**

Philadelphia, PA/Chicago, IL

Data Developer, Quality Assurance, Production

2014 - 2019

- Designed and implemented a comprehensive data management system to enhance coffee quality control across 30+ locations, integrating data from various sources to monitor quality metrics.
- Developed and managed automated data pipelines that streamlined the collection, storage, and processing of large datasets related to coffee quality and sales, significantly reducing manual data handling and potential for errors.
- Used Tableau, Google App Maker, Square API and other tools to create dynamic dashboards that provided real-time insights into coffee quality and sales trends, enabling data-driven decision-making and improved operational efficiency across the company.
- Led cross-functional teams to ensure the seamless integration of the data management system with existing IT infrastructure, facilitating smooth workflow and data accessibility for all stakeholders.
- Conducted rigorous testing and validation of the data systems and dashboards to ensure high reliability, accuracy, and user satisfaction.
- Designed and produced training materials and conducted workshops to empower staff at all levels with the tools and knowledge to leverage data insights effectively in their roles.
- Managed the satellite Chicago Roasting operation, overseeing weekly production and distribution processes to maintain consistent coffee quality and supply chain efficiency.
- Evaluated and recommended new equipment acquisitions, working with the cafe operations team to integrate technology solutions that enhanced product quality and operational effectiveness.

EDUCATION

- **Thinkful:** Full Stack Software Engineering Certificate 2021
- **Temple University:** Computer Science & Mathematics 2011 - 2012
- **Washington University in St. Louis:** Art History 2009 -2011
- **Lower Merion High School:** 4.61 / 5.0 GPA 2009