Tom Hermann

Agile Developer

As a passionate developer with leadership experience, I focus on delivering high quality, maintainable solutions with my team.

St. Louis, Missouri tomhermann@gmail.com GitHub LinkedIn

Skills

API Development Expert

Spring Boot | Monitoring / Production Readiness | Test Driven Development | Reactive Programming

Android Expert

Automated Testing | Dependency Injection | Wallet Integrations | Push Notifications | Analytics

Agile Expert

Continuous Flow | Iterative Development Methodologies

DevOps Intermediate

CI/CD Pipelines | Docker | Kubernetes

Experience

PrinciplesUs

Senior Startup Engineer

Apr 2022 - Present

Developing B2B software that enables teams to give valuable feedback and better understand their teammate's personalities and preferred communication style.

AWS | Kubernetes | Kafka | Terraform | Postgresql | Kotlin | Java | Spring Boot | Spring Security | Spring AI

World Wide Technology Sep 2018 - Mar 2022

Principal Engineer

Mar 2020 - Mar 2022

Developer advocate focused on training, recruiting, and retaining great developer talent at WWT. Focus on advancing the state of Kotlin, Spring, Android, and Java development within our internal communities.

Edward Jones: Financial API Developer

Jul 2021 - Feb 2022

Created APIs for a financial client using microservice architecture, to monitor the status of transactions.

Spring Boot | Spring Security | Java | Jenkins | Kubernetes | Splunk | Grafana | Prometheus

Mobile Field Kit: Android and Java Developer

Jul 2019 - May 2021

Built custom plugins for the Android Tactical Assault Kit, a military situational awareness tool. Built a greenfield sensor integration platform that uses Docker, InfluxDB, Spring Boot, Spring Security, Spring Integration, MQTT, Kotlin, and Grafana. Its purpose was to collect, visualize, and forward data from supported sensors.

Jersey Mike's: API Engineer

Apr 2019 - Jul 2019

Worked with teams in New York, London, and Denver to create an ecommerce backend for one of the top five sandwich chains in the US. Integrates with Google Pay and Apple Pay via Payeezy.

Docker | Kubernetes | Spring Boot | Kotlin | GitLab CI | Auth0

Jersey Mike's: Android Development Lead

Sep 2018 – Jul 2019

Tech Lead for native Android quick service food app. Allowed users to customize an order, pay with Google Pay, a gift card, or credit card, and then pick it up in the store.

Firebase Crash Reporting | Android SDK | Google Maps | Kotlin | ViewModel | Room | ConstraintLayout | Auth0 | RxKotlin

Asynchrony Labs Feb 2012 – Sep 2018

Papa John's: Android Development Lead

Aug 2016 – Sep 2018

Lead a team of five on on an e-commerce Android app for Papa John's. The app has been installed by over five million users, and top ranked in the food/drink category on the Play Store. The app uses RxJava, numerous analytics integrations, and push notifications with GCM managed by Leanplum.

Panera: Android Development Lead

Oct 2015 – Aug 2016

Served as developer and tech lead for a native Android application that allows you to customize and place orders at Panera. Supported a very flexible menu where items can go out of stock during a business day. Worked with client backend team to regularly deliver product updates, and to switch over to a new API. Supported mixed credit card and gift card payment, promo codes, storing favorite items and orders

Google Maps | Java | Android SDK | Content Providers | ORMLite | Crashlytics | Google Analytics | PayPal SDK

Bayer - Scanmaster: Android Technical Lead

Feb 2015 – Oct 2015

Tech Lead for native Android application that integrated with a Motorola TC70 Handheld scanner. Integrated with hardware bardcode scanner via EMDK to scan barcodes. The application worked offline, and allowed users to scan bags of seed to determine if they should be discarded or saved for the next season. The user could enter additional information about the inventory and it would synchronize when the device came online.

Mobile Field Kit: Java Developer

Feb 2012 – Jul 2015

Developed a suite of applications designed to help first responders assist with chemical, biological, radiological, nuclear, and explosive material threats. The platform serves as a situational tool and sensor integration platform, integrating: chat, GIS, sensor information, and a variety of other tools requested by the users.

CARFAX Jan 2007 – Feb 2012

CARFAX Banking and Insurance Group: Java Engineer

Jan 2009 – Feb 2012

Worked with a team of four developers. Created Spring APIs enabling third parties to request vehicle history information. Reimplemented the website, including file upload support with Apache POI. Supported batch processing of millions of vehicles with customized rules for the user.

CARFAX.com - Java Engineer

Jan 2007 – Jan 2009

Focused on the e-commerce features of the website, which enabled users to purchase reports for a vehicle. Lead PCI security initiative for credit card transactions on the website. Used PL/SQL on Oracle 11G to support batch processing jobs, and record website usage information.

Education

Missouri University of Science and Technology

Aug 2002 – Dec 2006

Bachelor of Science, Computer Science