

Kieran Mueller

Junior Full Stack Developer
Minneapolis, MN

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Portfolio: <https://kmcodes.com>
GitHub: <https://github.com/KieranMueller>



TECHNICAL SKILLS

Languages & Frameworks: Java, Spring Boot 3+, Spring Security 6+, Angular, JMS
Java/TypeScript, RxJS, HTML, CSS, Hibernate, JPA, JDBC
Tools & Platforms: Pivotal Cloud Foundry, AWS (RDS, S3, EC2, VPC, Elastic Beanstalk)
Azure, Maven, Gradle, ReadyAPI, Netlify, Vercel, Figma
Database & Storage: MySQL, SQL Server, PostgreSQL, MongoDB, Redis + Streams
Testing & CI/CD: Jenkins, GitHub Actions, JUnit, Mockito, Cypress
Additional Skills: Command Line, Windows, Linux, Networking (TLS, SSL, DNS, IP, Web Sockets)

PROFESSIONAL EXPERIENCE

FedEx Junior Full-Stack Dev – PA (Remote)
Cook Systems W2 Employee

08/23 – Current

- Collaborated in a team of 8 developers, delivering results weekly while completing assigned stories.
- Led the development of a new Java Spring Boot API, leveraging multi-threading and HTTP connection pooling, maximizing speed and efficiency. Saw the app through the software development lifecycle into production.
- Implemented quality of life improvements and over 50 automated E2E Cypress tests for a company internal Angular UI app, integrated into Jenkins CI/CD pipeline. Reduced the need for manual testing, and strengthened the app.
- Leveraged client-side storage in an Angular (v16) UI application to reduce latency and the amount of requests made to our Java Spring Boot Backend API. Boosted the speed and efficiency of the app while maintaining up-to-date state.
- Able to quickly understand and update existing microservices with complex architecture, spanning from Java APIs used to persist data in Oracle DB, to APIs used as data transformation middle-men communicating via Redis Streams.
- Consistently delivering reliable software, ensuring at least 80% unit test coverage on all new code introduced using JUnit 5, Mockito, and AssertJ.
- Responsible for updating, fixing, and maintaining 5-10 Java Spring Boot microservices at a time, staying quick and flexible to the ever-changing business demands.
- Quickly learned new software to get up to speed with the team, including Redis Streams, Jenkins, GitHub Actions, and Spring Reactive Web (Asynchronous REST APIs).

COOK SYSTEMS – Memphis, TN
FastTrack Developer

06/23 – 08/23

Full-Stack Company Management Tool

- Created a site in just four days using Angular and Java Spring Boot allowing employees and managers to track manning, teams, current projects, and announcements.

- Began the four-person project as one of the two backend creators, implemented all necessary CRUD endpoints within three hours, then began working on the frontend.
- Built functionality for managers to GET/POST users, teams, and projects for teams, reflecting real time in the relational DB through HTTP requests to the backend.
- Secured the site with authorization/role guards, prompting users to login and throwing custom error messages from the backend to users with invalid credentials.

Environment: Visual Studio Code, IntelliJ IDEA, PostgreSQL, Postman, GitHub

Angular, Spotify API - Guess the Artist Game

- Used Spotify API to create a fun guessing game. Users can choose a genre, songs to use as clues for each round, artists to guess from, and difficulty level.
- Quickly planned and got the site 90% complete within two days of receiving instruction, delivering more than minimal viable product.
- Managed data from fetch requests to get a collection of artists for a genre, then fetch each artist's top tracks, choosing one at random to be the correct answer.
- Wrote over 3,000 lines of code within 5 days of receiving instruction, striving to refine and regularly improve readability, app speed, and efficiency.
- Hosted the site for free on Netlify with continuous integration hooked up through the GitHub repository.

Environment: Visual Studio Code, GitHub

Java Spring Boot Twitter API

- Created a functional Twitter API with 30 endpoints (GET users and tweets, POST users and tweets, and DELETE users to name a few) as a team of three.
- Lead the team and workflow by regularly stating the current priority and pointing the team in the right direction.
- Created my own implementations of endpoints team members struggled on, coached, and explained the process afterwards while sharing screen on Zoom.
- Followed onion architecture using controllers as the outmost layer, then service layers including business logic, entities, mappers, and data transfer objects, and lastly, using Spring Data JPA/Hibernate to connect the repository layer to the database.
- Experimented with different views of tackling the workload to find our greatest efficiency, ended up focusing on a test-driven approach, deciding to complete failing creation/deletion tests before tackling GET method tests.

Environment: Java Spring Boot, IntelliJ IDEA, PostgreSQL, GitHub, Postman

Personal Projects – AWS, Azure

06/23 – Present

- Portfolio hosted under my personal domain 'kmcodes.com' holds numerous side projects. I strive to replicate the software development lifecycle I have learned with FedEx.
- Always ready to fix user reported bugs and issues, continuing to maintain these apps and ensure user satisfaction
- I am always pushing myself and working on a side-project to hone new skills, and to ensure my current skills do not rust.
- I am always engaged in a Udemy course, learning a new topic, or refining an existing skill, for an hour daily.

Environment: Java Spring Boot, IntelliJ IDEA, PostgreSQL, GitHub, Postman, Visual Studio Code, React, Node, AWS

Minnesota Army National Guard – Mankato, MN

09/16 – Present

Light Infantry Executive Officer

- Contributed to the overall success of the Company as a Platoon Leader in charge of 34 Soldiers during Training Year 2021 and Training Year 2022.
- Executes the desired task within the Company's mission while leading by example, exercising timely dissemination of information, thorough mission planning, and using Squad Leaders to the Platoon's advantage.
- Achieved success as the Headquarters Company Executive Officer from September 2023-2024, fulfilled duties as second in charge to the Company Commander.
- Commissioned as an Infantry Officer in the Minnesota National Guard after Enlisting in 2016 and completing four years of ROTC during College.

EDUCATION

Cook Systems FastTrack Java Program – Memphis, TN
Concentrated Java Frameworks and Developer Tools Training

06/23 – 08/23

University of Minnesota – Minneapolis, MN
Bachelor of Science: Business Marketing Education

09/17 – 05/21