Michael Kochka

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Github Portfolio: https://kochkam.github.io/

Objective

Seeking a software engineer position, to which I can apply my knowledge and passion for programming.

Skills

Languages: Java/JS/C/C++/Python	Databases: MySQL/PostgreSQL/Elastic
Cloud: Microsoft Azure	CI/CD: Kubernetes/K8s/Docker
OS: Ubuntu/Kali/Windows	IDE's: Intellij/VS Code
Frameworks: Spring Boot/React	People: Leadership/Presenting/Interviewing

Work Experience

General Motors   **May 2021-Current**

Software Developer

- Spearheaded effort to upgrade vehicle inventory APIs offered to customers that provided them a means to view inventory which led to effective inventory management/ordering.
- Led the effort to upgrade our CVD microservice to more efficiently aggregate/store vehicle option data using: Java, Spring Boot, Kubernetes, SQL, ElasticSearch, and Kafka. This led to cost savings for our organization as we reduced the number of calls to an endpoint we paid for.
- Interfaced with various internal/external business units to drive requirements for my team.
- Collaborated on a new Kafka implementation that allowed for a more holistic API for multiple departments within the GM organization to utilize the underlying architecture.
- Refactored PostGres views, tables, and functions to increase efficiency within the DB by reducing query time and needed storage space.
- Wrote python scripts to test various endpoints which led to less manual validation work.
- Onboarded and trained new developers by doing code reviews, pair programming and mentoring
- Increased code coverage for unit tests in enhancement services repo from 60% to over 95% in a sprint resulting in increased confidence in future code additions.
- Regularly presented on the top upcoming features in the latest application releases.
- Provided on-call bug support utilizing tools such as: DynaTrace, Kibana, and OpenSearch.

Karl Strauss Brewing Company   **July 2018-August 2020**

Recruiter

- Worked full time while pursuing Bachelors of Science in Computer Science
- Led regional training sessions on best interviewing practices
- Managed recruiting for over 10+ company locations for all types of roles

Aerotek Scientific   **August 2016-July 2018**

Technical Recruiter

- Handled the full life cycle of the recruiting process
- Specialized in recruiting scientific positions such as: biochemists, biologists, and chemists
- Negotiated salaries and extended job offers to candidates

Projects

General Motors - Advanced Vehicle Inventory Platform - Java/SQL/ElasticSearch/Kafka/Python

- Supported products including: Chevrolet.com, [GMC.com](GMC.com), Buick.com, Carbravo.com, and Cadillac.com
- Supported APIs leveraged by dealerships to manage inventory and the life cycle of vehicles

Flutter Mobile App - Shopping App - Dart/MySQL

- Cross-platform mobile app using the flutter SDK
- https://github.com/kochkam/shopping_mobile_app

CLI - Smallsh - C

- Similar to Bash shell with common functionality
- https://github.com/kochkam/smallsh/

React Web App - Trails App - JavaScript/HTML

- React Web app that utilized trail API and geolocation/geocoding services
- https://github.com/kochkam/CacheMeIfYouCan

Recognitions

- Promoted in less than two years of starting first Software Development role at General Motors
- Received numerous shoutouts on the company recognition platform, culminating in multiple performance bonuses at General Motors
- Received company wide recognition for help with launch of CarBravo website
- Made Dean's List three times in the Computer Science program
- Nominated by the Director of Business Operations for Leadership Training

Education

Oregon State University   **2021**

Bachelors of Science in Computer Science   *GPA 3.84*

Azusa Pacific University   **2015**

Bachelors of Science in Applied Exercise Science