

Ardy Ghoorchian

Full Stack Engineer with over 3 of experience in developing robust and scalable web applications. Adept at collaborating with cross-functional teams, optimizing user experiences, and integrating front-end and back-end technologies seamlessly. Seeking a challenging role at a forward-thinking organization where I can apply my expertise and drive innovation.

Professional Experience

Software Engineer @General Motors

2022 — Present

Advisor Workbench (frontend)

- Revamped existing Javascript codebase with Typescript, optimizing project scalability and enhancing code maintainability; achieved a 50% decrease in production issues and improved overall code quality and readability.
- Implemented robust pipelines incorporating Sonar Quality gates, resulting in a test coverage increase of 25% and a 50% reduction in critical bugs.
- Orchestrated the adoption of a shared component library and design system within Monorepo, leading to a 50% increase in design consistency, faster development cycle.
- Utilized SonarQube to measure/report on code quality metrics (complexity, duplication, standards compliance) to maintain high code quality.

OnStar and Sales Microservices (backend)

- DevOps effort for a distributed Spring Boot app with microservice architecture, serving over 15 countries.
- Developed a Python tool for efficiently managing service data changes, reducing manual effort by 80% and ensuring accurate and streamlined updates.
- Leveraged automation frameworks like Cucumber and Selenium and parallelized execution of feature files, resulting in a significant reduction of testing time by 60% and improving overall test coverage.
- Designed and proposed solutions for the seamless integration of Kafka within a project.

NCH Program (leadership)

- Mentored junior developers in React projects in a new college hire program, providing guidance and support to improve employee skills.

Web Developer Instructor @theCoderSchool

2020 — 2022

- Spearheaded the design and development of software solutions utilizing SAP and MVC architecture, establishing industry best practices at theCoderSchool.
- Created a tailored curriculum for instructors, enabling them to maximize the potential of the Django framework's built-in features, resulting in a 30% increase in student engagement and a 25% improvement in project outcomes.
- Directed and monitored a wide range of projects as a results-driven project manager, meticulously assessing source code quality and providing invaluable support to the team.

Associate Software Developer @Imaş Makina

2019 — 2020

- Designed and implemented a scalable Java-based web application, enhancing user experience and system efficiency through effective use of Spring Framework and Hibernate ORM.
- Spearheaded the development of a dynamic, responsive front-end using AngularJS and Bootstrap, ensuring cross-browser compatibility and optimal performance.
- Engineered RESTful APIs using Java and Spring Boot, facilitating seamless data exchange and integration with external systems, significantly improving system interoperability.
- Led a team in migrating legacy systems to a Java-based architecture, resulting in improved system stability and a 25% increase in processing speed.
- Implemented robust security protocols and authentication mechanisms using Spring Security, safeguarding sensitive data and ensuring compliance with industry standards.

Education

Data Science B.A @UC Berkeley

2019 — 2022

Skills & Others

Fullstack:

Python – Django, Flask, pytest, Django-rest-framework, Spark

Java – Spring Boot, JUnit, Mockito

Javascript/Typescript – React, React Native, Node.js, GraphQL, Express, Redux, Jest, Enzyme, Material UI, Bootstrap, Webpack, Babel, ES6, Storybook, threejs

Golang

DB – SQL, NoSQL, MongoDB, SQLite, Postgresql, Oracle

DevOps:

Kubernetes, Docker, Helm, Prometheus, Continuous Integration(Jenkins, CircleCI), Vault Integration(HashiCorp), Version Control(Git), Behavioral Driven Development (Gherkin, Cucumber), Agile Development (Azure DevOps, Azure Pipelines), Cloud Development (AWS, Azure), Linux

Methodologies and Architectures:

Microservices Architecture, Event-Driven Architecture (Apache Kafka, RabbitMQ), Event-based training architecture, Orchestrated pull-based training architecture, Batch architectural patterns, Online/real-time architecture.