

Ardy Ghoorchian

Experienced full-stack engineer with a strong focus on delivering scalable and secure web applications. Committed to ongoing learning and professional development. Proficient in various front-end and back-end programming languages, data architecture, and development environments. Adopts Agile approach to enhance test-driven development, change management, and overall software development initiatives.

Professional Experience

Software Engineer @Genral Motors

2022 — Present

Advisor Workbench (frontend)

- Migrated legacy Javascript code to Typescript to enhance project scalability and code maintainability.
- Assisted with the implementation of robust pipelines to ensure a high test coverage percentage using the Sonar Quality gates and establish a linting standard using ESLint
- Implemented a shared component library/design system within Monorepo to improve efficiency and ensure consistent UI/UX across projects.
- Utilized SonarQube to measure/report on code quality metrics (complexity, duplication, standards compliance) to maintain high code quality.
- Used modern JavaScript (ES6+), React Context REST API for global state management, and Material-UI for visually appealing UI/UX.
- Managed and maintained Jenkins configurations, pipelines, and plugins for stable and performant CI/CD processes.

OnStar (backend)

- Led DevOps efforts for microservice-based Spring Boot app serving 15+ countries worldwide.
- Implemented Redis hash caching, developed a Python tool for managing service data changes, and deployed the app for production across three regions.
- Collaborated closely with other microservice teams for seamless integration and coordination among services.

Sales (backend)

- Optimized and enhanced integration test cases for legacy Spring Boot codebase.
- Fixed scalability issues with Wiremock and parallelized feature file execution to reduce testing time.
- Designed and proposed solutions for the seamless integration of Kafka within a project.
- Developed and implemented automation scripts for integration testing using tools like Selenium and Cucumber.

NCH Program (leadership)

- Mentored junior developers in React projects in a new college hire program, providing guidance and support to improve their skills.
- Helped prepare NCHs for presentations and meetings with upper management to ensure effective communication of progress and challenger

Web Developer Instructor @theCoderSchool

2020 — 2022

- Designed multiple software designs incorporating SAP and MVC architecture to serve as a reference for industry standards at theCoderSchool.
- Developed a curriculum for instructors utilizing the Django framework to effectively utilize its built-in features.
- Supervised a large number of projects as a project manager, ensuring the quality of the source code and acting as a resource for the team.

Associate Software Developer @Imaş Makina

2018 — 2020

- Developed a desktop application using Electron JS to simplify the annual report process for multiple branches.
- Developed a customized REST and SOAP API for customer outreach that significantly improved operational efficiency.

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<https://github.com/ardalanh>

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Education

Data Science B.A @UC Berkeley emphasis on Molecular Biology and Genomics

2023

Skills & Others

Languages & Frameworks:

Proficient: **Python** – Django, Flask, pytest, Django-rest-framework, Spark

Java – Spring Boot, JUnit, Mockito

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

Familiar: **Ruby** – Rails

Golang – Gin

Database: SQL, NoSQL, MongoDB, SQLite, PostgreSQL, Oracle

Methodologies & Architectures: Version Control(Git), Behavioral Driven Development (Gherkin, Cucumber),

Caching (Redis), Event-Driven Architecture (Apache Kafka, RabbitMQ), Agile Development (Azure DevOps),

Microservices Architecture (Kubernetes, Docker), Continuous Integration(Jenkins, CircleCI), Vault

Integration(HashiCorp), Elasticsearch (Kibana)