MIRO ABDALIAN
Software Developer

9563 Tujunga, CA 91042 | (818) 479-1167 | miroabdalian@gmail.com
LinkedIn | Portfolio | GitHub

PROFESSIONAL OVERVIEW

Bringing 1+ years of experience leading full-stack web projects, including gathering user requirements, producing code, creating mockups, performance testing, and software optimization. Focused on creating clean and robust code with exceptional security. Dedicated to achieving compatibility targets while meeting and exceeding customer demands.

SKILLS & COMPETENCIES

- **Strongest Areas:** Data Structures, Algorithms, Object Oriented Programming
- **Programming Languages:** C/C++, Java, Python, Javascript
- **Libraries/Frameworks:** React.js, Node.js, Express.js, Redux, Flutter, Git
- **Web:** HTML5, JSON, XML, CSS3, SASS
- **Database:** MongoDB, Firebase, MySQL, PostgreSQL
- **Language:** English (Fluent), Farsi (Native), Armenian (Native)

PROFESSIONAL EXPERIENCE

PROJECTS

Online Store – eCommerce Web Application   February 2022 – March 2023
React, Redux, Firebase
- Developed a single-page eCommerce web application from scratch
- Implemented Firebase authentication to allow users to sign in with two methods
- Resolved CSS conflicts by updating all SASS files to Styled Components
- Managed states using Context to avoid props drilling

Inventory Management Web Application   July 2022 – February 2023
React, Node.js, ExpressJS, MongoDB, PostgreSQL
- Lead a team of two to develop a custom inventory management web application with React and NodeJS
- Ensured client satisfaction by facilitating client meetings, gathering project specifications, and demonstrating active listening and friendly professionalism
- Distributed tasks between developers for each sprint and ensured everyone was on track

- Developed and modified 20+ custom components to improve app performance in collaboration with team members
- Developed a REST API with Node and Express to implement CRUD operations
- Used benchmarking tools to measure performance to distinguish slow components
- Enhanced security measures by creating logging APIs to monitor and track unexpected behaviors
- Revenue 10K

Image Recognition Web Application   June 2021 – July 2022
React, Node.js, Clarifai, PostgreSQL
- Developed a single-page web application using React and Node.js
- Implemented user authentication and authorization using JSON Web Token to improve app security
- Reduced development time by integrating Clarifai image recognition API into the app
- Created a Heroku Postgres database to allow for easy and fast access to user data

WORK EXPERIENCE

Instructional Teaching Assistant   July 2021 – December 2022
Cal Poly Pomona Foundation Inc.
- Assisted students with programming assignments by providing resources/code debugging support

EDUCATION, AWARDS, AND CERTIFICATIONS

Bachelor of Science in Computer Science   July 2020 – December 2022
California State Polytechnic University, Pomona   Pomona, CA
- *Academic Projects:*
  On-Time (Flutter Mobile App) – Developed a personal meeting scheduler mobile app with Flutter and Firebase and published it on [Google Play](#).
  Page Popularity (Python Script) – Created a crawler with Scrapy library to measure the most popular page using the original PageRank algorithm.
  Montecarlo (Parallel Processing) – Developed three programs to compute Monte Carlo estimates of pi using Threads in C/C++, MPI, and CUDA platforms.
  Machine Learning Model – Created machine learning models to detect fraudulent credit card activities using scikit-learn, Panda, and Numpy libraries.

Cal Poly Pomona President's Honor List   2020 – 2022
California State Polytechnic University, Pomona   Pomona, CA

React, NodeJS, Express & MongoDB - The MERN full-stack Guide
URL:https://www.udemy.com/certificate/UC-ac94fccc-2471-414b-b200-782d7aa3c0b7/

February 6, 2023

The Complete Web Developer in 2023: Zero to Mastery
URL:https://www.udemy.com/certificate/UC-36db94fd-039d-47af-aac2-e93a99379d32/

December 25, 2022

SQL for Data Science
URL: https://www.coursera.org/account/accomplishments/certificate/9P7FWPK6JZWJ

March 14, 2021

Object-Oriented Data Structures in C++
URL: https://www.coursera.org/account/accomplishments/certificate/Y5YFNAXQXMJY

December 15, 2020