MINA MEKHAIEL

Covina, CA · minamekhaiel1@gmail.com · (626) 626-0602 · <https://www.linkedin.com/in/mina-mekhaiel/>

**Objective**

Computer science graduate seeking a full-time Software engineering role or software developing. Proficient in data analytics and eager to contribute to impactful projects.

**Education**

**California State University - Los Angeles** Los Angeles, CA

BS Computer Science  *May 2024*

**Mt San Antonio College** Walnut, CA

AS-Emphasis in Mathematics  *June 2020*

**Skills**

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| --- | --- |
| Programming Languages: | Java, C++, Python, C#, JavaScript |
|  |  |
| Technologies:  **Experience** | .NET, MySQL, Workbench, MongoDB, Tomcat, Node.js, Express.js, NPM, Server Pages (JSP/JSTL), Java’s Swing/AWT, HTML, CSS, Bootstrap, Microsoft SQL, Azure, Active Directory |

**Tech Innovators, Inc** Remote

*Software Engineer OCT* 2022 – Present

* Developed and maintained web applications using Java, Spring Boot, and Angular, enhancing user experience and functionality.
* Collaborated with cross-functional teams to design and implement new features, improving application performance and scalability.
* Conducted code reviews and implemented best practices for software development, ensuring high code quality and maintainability.
* Utilized Docker and Kubernetes for containerization and orchestration of applications, resulting in a more efficient deployment process.
* Developed RESTful APIs to facilitate communication between the front-end and back-end systems, streamlining data flow and improving application responsiveness.
* Implemented automated testing using JUnit and Selenium, reducing the occurrence of bugs and enhancing overall software reliability.
* Managed deployments and monitoring in Azure, ensuring optimal performance and scalability.

**Internet Brands** Los Angeles, CA

*Intern Junior Software Engineer*  AUG 2022 – OCT 2022

* Resolved bugs and issues, ensuring smooth software performance.
* Assisted senior engineers in developing and testing software applications.
* Collaborated with cross-functional teams to gather requirements and define project goals.
* Participated in code reviews and contributed to continuous improvement of code quality.
* Applied effective time management techniques to meet tight deadlines.

**Senior Software Design School Project**

**Desktop & Mobile Application “PDGO” for Santa Barbara Public Defender Office** | *Using Microsoft PowerApps May 2024*

*Created a desktop/mobile application for HR & IT departments of the Santa Barbara’s Public Defender Office*

* Designed and developed responsive list screens with filter & search features connecting to SharePoint list database.
* Created profile screen for users to access the application.
* Developed a facility request form with conditional logic.
* Built and managed workflows using Microsoft Power Automate.
* Documented the technical requirements and the database design in the project report and SDD.

**My Side Projects**

**Image Classification with Convolutional Neural Networks** | *Python Using Jupyter Notebook May 2024*

*Machine Learning Project for Detecting Apple Leaves Diseases*

* Employed Python and libraries such as, Keras, Tensorflow, Numpy, and Panda for data preprocessing.
* Preprocessed over 18,000 images by resizing, normalizing pixel values, and encoding labels.
* Constructed a CNN architecture with multiple convolutional, pooling, and fully connected layers.
* Implemented data augmentation and early stopping to avoid overfitting.
* Achieving an accuracy of 70% with 12 different labels.

**Yellow Pages Mina** | *Java, MySQL, JSP/JSTL), Expression Language (EL) Aug 2022*

* Platform using **Java, HTML, CSS**, and **MySQL**, hosted on **Tomcat** server.
* Designed using Model View Controller (MVC) software architecture.
* Implemented user authentication with secure login, sign-in, and sign-up features.
* Allowed authenticated users to add attractions with accompanying details (name, phone number).
* Utilized **JDBC** to ensure efficient and secure data transactions between the application and database.

**Personal Portfolio** | *HTML, CSS, & JavaScript Feb 2023*

* Developed a personalized portfolio using **HTML, CSS**, and **JavaScript**.
* Showcased projects.
* Contact form that connects to a Google sheet.

**E-Commerce Web Application** | *Spring Boot, Angular, MySQL In Progress*

* Developing e-commerce platform using **Spring Boot, MySQL,** and **Angular**.
* Implementing a user login/signup page with hashed passwords.
* Cart management and secure payment process.