Michael Mehrdadi

📍 Sacramento, CA | 📞 (916) 835-2324 | ✉ michaelmehrdadi123@gmail.com | 🌐 Portfolio

Summary

Full-stack web developer with expertise in React, Next.js, Node.js, and database management. Proven track record in developing efficient file management solutions, portfolio sites, and club websites, with measurable improvements in usability and performance. Passionate about building scalable web applications, optimizing UI/UX, and leveraging data analytics for enhanced decision-making

Professional Experience

STEM Student Intern
California Air Resources Board Research Division | Sacramento, CA | Oct 2024 – June 2025
- Developed Python scripts to automate long manual tasks and streamline workflows.
- Created web-scraping tools to collect, analyze, and transform large datasets.
- Performed data transformations and manipulations, producing visualizations with ObservableHQ.
- Managed XML batch upload testing, demonstrating enumerations to RMP R3 users.

Web Developer
American River College Design Hub | Sacramento, CA | Aug 2022 – Dec 2022
- Built a file management website enabling seamless uploads, downloads, and sharing for educators.
- Increased efficiency in file retrieval by 40% and reduced upload errors by 25%.
- Developed a responsive front-end using React, Node.js, and Express.js.
- Live Demo: ARC File Manager

Service Porter
Niello BMW | Sacramento, CA | Jun 2021 – May 2024
- Provided customer service excellence, ensuring high satisfaction scores and seamless service operations.
- Efficiently managed vehicle logistics to improve dealership workflow.

Projects

Portfolio Website

- Designed and developed a fully responsive personal portfolio using Next.js, React, and Flowbite UI.
- Improved page load times by using Next.js static generation.
- Integrated GitHub project showcases and real-time resume updates.
- Live Demo: Portfolio

Sacramento State IEEE Website

- Led front-end development for IEEE CSUS club website, attracting over 50 active student users.
- Built dynamic content sections and an interactive event calendar.
- Live Demo: IEEE CSUS

Game of Life (Java)

- Developed a custom Java-based graphics engine to simulate cellular automaton.
- Optimized computation to run 50% faster than naive implementations.

Education

California State University, Sacramento
B.S. Computer Science (Expected May 2025)
Relevant Courses:
- Web Programming (A), Database Management Systems (B), Operating System Principles (B)
- Advanced Database Systems, Parallel Programming on GPUs, Software Engineering
- Computer Networks, Data Visualization (A), Computer Organization, Software Testing & QA

American River College
A.S. Computer Science (Dec 2022)
Relevant Courses:
- Algorithm Analysis, Business Intelligence, Data Analytics & Visualization, Computer Network Fundamentals

Technical Skills

Programming & Development

- **Languages:** C++, C, Python, Java, TypeScript, JavaScript, GoLang
- **Web Development:** Vercel, React, Vite, Next.js, Node.js, Express.js, HTML, CSS, Tailwind CSS
- **Databases:** MongoDB, SQL, NoSQL, PostGres
- **Backend & Cloud:** Spring Boot 4, REST API Controllers, Postman, Azure DevOps, SharePoint

DevOps, Security & Infrastructure

- **Tools:** SSH, PowerShell, WSL, Django, GIS
- **Data & Analytics:** Tableau, Data Analytics, Dun & Bradstreet, ObservableHQ

Soft Skills & Collaboration

- Microsoft Teams, Microsoft Office (Excel), Administrative Support
- Customer Service, Communication, Leadership, Teamwork, Problem Solving, Time Management

Additional Work

Front End Courtesy Clerk
Raley's | Sacramento, CA | May 2019 – June 2021

- Assisted an average of 100 customers per day, enhancing checkout efficiency and customer satisfaction.
- Maintained a fast and organized checkout process, ensuring store efficiency.

Youth Soccer Referee
BAC | Sacramento, CA | June 2016 – Jan 2019

- Officiated youth soccer games, ensuring compliance with regulations and promoting fair play