Mika Shanela Carodan

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EDUCATION

University of California, Riverside   June 2023
Bachelor of Science in Computer Science with Business, Cum Laude   3.84 GPA

- UCR Hackathon Awards: 1st Place for bioLink (2023), Best Google Cloud App for ScottyMaps (2022), Best UI/UX for PlanetHer (2022)

EXPERIENCE

KABO! Studio   Aug 2023 – Present
Co-Founder, Freelance Web Developer   Upland, CA

- Managing 2+ client websites from inception to final delivery, committing to high client satisfaction and boosting businesses' online visibility by 30%
- Transform client requirements into functional, user-friendly, and code-feasible mockup designs using Figma
- Convert designs to a React site, handle hosting, domain integration, browser testing, and post-launch maintenance

Citrus Hack   Jan 2023 – Apr 2023
Lead Full-Stack Engineer   Riverside, CA

- Led front-end development using React and TailwindCSS for UCR's hackathon website serving 725+ users
- Collaborate with UI/UX team to transform designs into a functional, user-friendly, and technically feasible web app
- Championed mobile-first development, achieving near-UI consistency across desktop, tablet, and mobile screens
- Built user-friendly pages with MongoDB integration to simplify event check-ins and reduce operation times by 1+ hour
- Maintained website and addressed 88% of UI bug reports, leading to smoother user interactions

Northwestern Mutual   June 2022 – Nov 2022
Software Engineer Intern   Milwaukee, WI

- Worked cross-functionally to design, build, and test an MVP web app facilitating joint work for 1,500+ field agents
- Created location, language, and industry search filters with React.js to streamline partner discovery
- Architected CI/CD pipeline to lint for code errors and style inconsistency, expediting code reviews by 5+ minutes
- Won 2nd Place at NMTech Intern Hack for wrxSpace app, competing against 120+ interns in 24 hours

Systems Optimization and Computer Architectural Lab   Apr 2021 – Aug 2021
Computer Architecture Research Intern   Riverside, CA

- Designed a runtime modeling system that increased GPU energy efficiency by 18% using C, HIP, and CU Masking
- Power tested 60 GPU cores through sequential and round-robin scheduling algorithms to assess energy usage
- Co-authored and presented a research paper on efficient task graph models, focusing on resource optimization

PROJECTS

meThinks... | *React/Next.js, TailwindCSS, MongoDB, NextAuth, Socket.io, Figma*   June 2023

- Led 4 developers in designing, developing, and deploying a Twitter-BeReal-style thought posting web app
- Oversaw code reviews to ensure coding standards and requirements are met before dev/prod integration
- Implemented role-based authentication, route protections, multi-room chat functionality, and REST API integration for seamless thought posting and display

bitByBIT | *React/Next.js, TailwindCSS, Google Cloud Platform, Judge0*   Jan 2023 – June 2023

- Developed profile and dashboard UI for a student-focused coding platform targeting 2,000+ UCR CS students
- Secured user access with Firebase authentication and created API routes for posting/displaying users' profile data

Skills

Languages: JavaScript (ES6+), Python, HTML5, CSS, TypeScript, C++, SQL
Tools: Git, Github Actions, Husky, ESLint, Postman, Cypress, Prisma, Figma
Technologies: Next.js, React.js, TailwindCSS, MongoDB, REST API, Node.js Context API, MySQL