

# Mika Shanela Carodan

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## EDUCATION

### University of California, Riverside

June 2023

*Bachelor of Science in Computer Science and Business*

Riverside, CA

- Honors: GPA: 3.84, Cum Laude, Chancellor's Honors List (2019 – 2022)
- 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-Owner and Web Developer*

Inland Empire, CA

- Managing 2+ client websites from inception to final delivery, committing to high client satisfaction and boosting businesses' online reach by 50%
- Transform client requirements into functional, user-friendly, and code-feasible mockup designs using Figma
- Convert designs to a Next.js site, handle hosting, domain integration, browser testing, and post-launch maintenance

### Citrus Hack

Jan 2023 – Apr 2023

*Lead Software Engineer*

Riverside, CA

- Led front-end development using Next.js and TailwindCSS for UCR's hackathon website serving 725+ users
- Championed responsive-first development, achieving 98% UI consistency across desktop, tablet, and mobile screens
- Built admin pages with MongoDB integration to automate event check-ins, reducing user wait times by 1+ hour
- Maintained website and addressed 88% of user-reported issues, significantly improving overall user experience

### Northwestern Mutual

June 2022 – Nov 2022

*Software Engineer Intern*

Milwaukee, WI

- Worked with designers to test and build an MVP matchmaking app facilitating joint work for 5,000+ field agents
- Created location, language, and industry search filters with React.js to streamline partner discovery
- Architected the CI/CD pipeline to lint for code errors and style inconsistency, expediting code reviews by 5+ minutes
- Mentored 17 NMTech students in Web Development, achieving 100% student intern conversion hires at the company
- 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 CU Masking and HIP
- 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... | *Next.js, TailwindCSS, MongoDB, NextAuth, Socket.io, Figma*

June 2023

- Led 4 engineers in designing and developing a Twitter-BeReal style thought posting web app
- Implemented role-based user authentication and route protections, integrated REST API endpoints, and synchronized end-to-end data processing for seamless thought posting and display

### bitByBIT | *Next.js, TailwindCSS, Google Cloud Platform, Judge0*

Jan 2023 – June 2023

- Developed the UI for a coding platform aimed at enhancing coding fundamentals for 2,000+ UCR CS students
- Secured user access with Firebase authentication and created GET API requests for displaying users' profile data

## Skills

**Languages:** JavaScript, Python, HTML5, CSS, TypeScript, C++

**Tools:** Figma, Git, Github Actions, Google Analytics, Postman, Cypress

**Technologies:** Next.js, React.js, TailwindCSS, Prisma, MongoDB, NextAuth, Framer Motion, Express.js