

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: Best Overall 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+ freelance website projects, from inception to final delivery, emphasizing client satisfaction to increase small businesses' online reach by 50%
- Overseeing designs for UX practicality and code feasibility, while maintaining alignment with client requirements
- Convert designs to a Next.js site, handle hosting, domain integration, and browser performance testing

Citrus Hack

Jan 2023 – April 2023

Lead Software Engineer

Riverside, CA

- Led front-end development using Next.js, Tailwind, and Framer 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 that handled front-end mutations to MongoDB for swift, on-demand user check-ins at the event
- 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

- Collaborated with designers to user test and build a website MVP for 12,000+ field agents
- Created 4 filtering features with React.js to streamline partner discovery among app users
- 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

April 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 power 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*

May 2023

- Led 4 engineers in designing and developing a Twitter-BeReal style thought posting web app
- Implemented role-based user authentication and route protections using NextAuth, 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, HTML5, CSS, Python, TypeScript, C++

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

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