

Borna Niknahad

[borna-personal-web.vercel.app](#) | niknahad.borna@gmail.com | [LinkedIn](#) | [GitHub](#) | 310-994-8257

EDUCATION

University of California, Davis
B.S. in Computer Science and Engineering

Davis, CA
Expected Graduation Spring 2025

EXPERIENCE

ASUCD Innovation and Research Lab
Lead Software Developer

Davis, CA
October 2024 - Present

Vimbly Group
Senior Software Engineer Intern

Manhattan, NY
May 2024 - Aug 2024

- Engineered core full-stack features and mobile app screens for *Mobile Text Alerts*, a prominent SMS marketing platform that sends **100M+** messages across **20,000+** businesses with over eight figures in annual revenue
- Built and deployed a scalable Email & SMS verification system for the mobile app in **React Native** and **TypeScript**, reducing account fraud by **22%** and driving the app's trial-to-paid account conversion rate by **18%**
- Elevated backend performance by restructuring key data-handling workflows in **Node.js** and **React** alongside optimizing **MySQL** queries, achieving significant reductions in render time and CPU usage
- Documented and resolved all **Android** and **iOS** related issues, collaborating closely with cross-functional teams to deliver a high-quality, error-free application

BillionMinds
Software Engineer Intern

Remote
Sep 2023 - Dec 2023

- Built two comprehensive web dashboards for *BillionMinds* to showcase real-time adaptability and resilience metrics using **Next.js**, **MongoDB**, and **Express** for optimized user data management
- Aggregated data from dozens of APIs into a **MongoDB** database with **AWS Lambda** Serverless functions and queried it from the frontend to populate the dashboard and charts
- Developed three initial **Next.js** prototypes into a cohesive, high-fidelity product through continuous collaboration with the client and designers to achieve a robust and functional end result

Vimbly Group
Software Engineer Intern

Manhattan, NY
May 2023 - Aug 2023

- Developed key features for MTA's mobile app such as Two-Factor Authentication and the Settings Screen using **React Native** and **Typescript** to deliver a reliable and responsive app leading to an increase of **+5,000** visitors
- Redesigned and optimized the admin platform's infrastructure and frontend with **React** and **Node.js**, resulting in nearly a **50%** reduction in complaint resolution times and a significant boost in customer support efficiency
- Maintained a focus on code quality, performance optimization, and adherence to industry standards throughout the development process

PROJECTS

Training Tool | *Java*

- Built the backend for Codelab's internal learning platform using **Java**, **PostgreSQL**, and **Spring Boot** to significantly improve the platform's scalability and performance
- Implemented user authentication and authorization with **Spring Boot**, enabling role-based access control for board members, project managers, developers, and designers
- Created comprehensive relational database schemas in **PostgreSQL** to outline CodeLab's bootcamp course structure, optimizing data retrieval processes

TECHNICAL SKILLS

Languages	Java, Typescript, Javascript, C/C++, Python, Go, Swift, HTML/CSS, SQL, R, Kotlin, x86 Assembly
Frameworks	React.js, Next.js, React Native, Node.js, Redux, Spring Boot, SwiftUI, Express.js, Mongoose, PyTorch
Technologies	PostgreSQL, XCode, Android Studio, MongoDB, Vercel, MySQL, Git, AWS, Postman, Docker, Linux
Coursework	Advanced Algorithm Design & Analysis, Artificial Intelligence, Operating Systems, Machine Learning Data Structures & Algorithms, Object-Oriented Programming, Advanced Computer Architecture