# Borna Niknahad

borna-personal-web.vercel.app | niknahad.borna@gmail.com | LinkedIn | GitHub | 310-994-8257

## EDUCATION

**University of California, Davis**                                                                          Davis, CA
*B.S. in Computer Science and Engineering*                                              *Expected Graduation Spring 2025*
- **Engineering GPA:** 3.47/4.00
- **Relevant Coursework:** Advanced Algorithm Design & Analysis, Data Structures & Algorithms, Object Oriented Programming, Advanced Computer Architecture, Machine Dependent Programming, Discrete Mathematics

## 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 |

## EXPERIENCE

**Vimbly Group**                                                                          Manhattan, NY
*Senior Software Engineer Intern*                                                                *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
- Spearheaded the development of a scalable Email & SMS verification system for the mobile app in **React Native** and **TypeScript**, 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
- Performed meticulous code reviews, enforcing industry standards to ensure site reliability and scalability

**Vimbly Group**                                                                          Manhattan, NY
*Software Engineer Intern*                                                                     *May 2023 - Aug 2023*
- Developed key features and screens for the mobile app such as Two-Factor Authentication and the Settings Screen using **React Native** and **Typescript** to ensure a smooth, reliable, and responsive user experience leading to an increase of +**5,000** weekly 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

**BillionMinds**                                                                               Remote
*Software Engineer Intern*                                                                     *Sep 2023 - Dec 2023*
- Created two web dashboards for *BillionMinds* to better display their adaptability and resilience scores by utilizing **MongoDB** to store the values and display charts, along with **Next.js** and **TailwindCSS** to help clients manage and view their company's data
- 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

## PROJECTS

**Training Tool** | *Java*
- Rebuilt the backend for CodeLab's internal learning platform using **Java**, **PostgreSQL**, and **Spring Boot** to significantly improve the platform's scalability and performance
- Developed fundamental CRUD routes for managing cohorts, courses, modules, and lessons—providing efficient and versatile data interaction capabilities
- 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