

LOGAN HOWARD THOMAS

PERSONAL DETAILS

Los Angeles, California
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Website: loganipad.github.io/portfolio

PROFILE

Full-stack developer experienced in designing and deploying production-ready web applications using modern technologies, with a strong foundation in data structures, algorithms, and computer systems.

EDUCATION

Bachelor of Science in Computer Science Aug 2023 - May 2026
California State Polytechnic University, Humboldt
Solid academic foundation in Data Structures, Algorithms, Databases, Software Engineering, and Computer Systems (GPA: 3.1).

EMPLOYMENT

Independent Full-Stack Developer Jun 2024 - Present
Los Angeles

- Designed and deployed full-stack applications using React, Node.js, and Supabase on Vercel
- Built secure authentication systems (Auth0) and integrated Stripe for payments
- Developed REST APIs and managed relational and NoSQL databases (MySQL, MongoDB)
- Owned full development lifecycle from system design to production deployment

SKILLS

JavaScript, Python, C++, SQL

React, HTML/CSS

Node.js, FastAPI

Git, MongoDB, MySQL, Supabase, Vercel, Auth0, Stripe

PROJECTS

Founder, **budy.study** — Study Collaboration Platform

- Built real-time chat and group system using React and Node.js for collaborative study sessions
- Implemented real-time messaging architecture (WebSockets) for low-latency communication
- Designed backend with Supabase and Auth0 to support secure, scalable user authentication

AI-Based Personalized Learning Platform (Capstone Project)

- Developed ML-based system using TensorFlow to personalize content based on user performance.
- Built FastAPI backend and React dashboard for real-time analytics and progress tracking.

Northcoast Mapping App – 2nd Place, Cal Poly Humboldt Hackathon

- Built full-stack mapping application with CRUD operations and filtering for conservation data.
- Developed and demoed a working prototype in 24 hours as part of a competitive team hackathon.