VINCENT LAQUINDANUM

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EDUCATION

BS / Mechanical Engineering
California State University,
Sacramento (2013)

Software Engineering Immersive Bootcamp
General Assembly (2021)

Web Development Fundamentals Bootcamp
Nucamp (2021)

SKILLS

Languages:
JavaScript/TypeScript, Python

Frontend:
React, React Native, Next

Backend:
Django, Express, Node

Database:
MySQL, PostgreSQL,
MongoDB

Graphic Design:
Adobe Photoshop, Lightroom,
and Illustrator

DEVELOPER EXPERIENCE

Software Developer
UChicago, Institute of Population and Precision Health *(2022 – Current)*

- Engineered the frontend of eRMS—an electronic research management system—in React/TypeScript enhancing user experience and interface responsiveness across study tracking workflows.
- Developed and maintained scalable backend services for eRMS using Django, and PostgreSQL, improving data retrieval efficiency.
- Implemented comprehensive test coverage across the full stack ensuring high system reliability and minimizing regressions.

Frontend Developer (Freelance)
VirtualHaus *(2022 – 2022)*

- Developed responsive, high-performance user interfaces for a 3D application using React/TypeScript, streamlining component architecture and enhancing user experience.
- Designed intuitive and visually cohesive user interface layouts, aligning with user experience best practices and brand guidelines

Software Developer (Freelance)
AdvancedH2 *(2023 – 2023)*

- Designed the frontend of *AdvanceH2*, an AI-powered platform that aggregates hydrogen energy news and articles, improving information accessibility for researchers and industry professional.
- Implemented robust backend infrastructure for AdvanceH2 using Supabase and Prisma, streamlining data handling and accelerating feature deployment

PROFESSIONAL EXPERIENCE

Civil Engineer
Sacramento Area Sewer District, Sacramento, CA *(2012 – 2022)*

- Analyzed and interpreted data to problem solve and make recommendations
- Developed reports of maintenance work and presented data to stakeholders
- Delegated tasks and project scope with contractors, oversee progress
- Lead 20+ project teams and supervise four student interns