Ken Ingram

Oakland, California 94606 (510) 407-1026

ken.ingram@gmail.com | https://github.com/kingram6865 | https://www.linkedin.com/in/kingram6865

SKILLS

Node.js, JavaScript, React, Python, SQL, PHP, PERL, Unix Shells (BASH, ZSH, KSH, AWK), Unix Systems Administration, Database Administration (PostgreSQL, MySQL, MongoDB, Elasticsearch, Oracle), AWS, Google Cloud, Ruby, Ruby on Rails, CSS, HTML, Express, Expo, CI/CD, Markdown Language

EXPERIENCE

INDEPENDENT CONTRACTOR   Oct 2021 - Current

App Development in progress
- o Android Mobile App for Synthesizer manuals
- o Browser plugin for Physical Therapist data entry

CHANI NICHOLAS INCORPORATED   Apr 2021 – Sep 2021

Lead Android Developer
- Plan and execute development of Android version of iOS mobile app.
- Develop company owned API using third party C Library
- Lead DevOps and restructure systems infrastructure on AWS, using several services

GENERAL ASSEMBLY   Jan 2021 – Apr 2021

Teacher's Assistant
- Providing learning assistance to members of Software Engineering Intensives, supplemental to the classroom time
- Debug code and guide potential software engineers in acquiring habits and practices to enter the software industry with a high level of proficiency and understanding of software development, algorithmic construction and problem solving with computers.
- Track student progress and performance

INDEPENDENT CONTRACTOR   May 2010 - Current

- **Computer and Technical Consultant**
  Designed and implemented a client tracking database and front-end for a small seasonal business, increasing profit by 30%.
- Evaluated and upgraded a custom web development system and CMS from PHP 5.2 to 7.3
- Redesigned and deployed 3 websites for small businesses
- Advised and taught use of indexes for database systems
- Updated and improved codebase for a small-community membership evaluation system
- Performed deployment review on a custom time-series API based on Google Cloud

SOFTWARE ENGINEERING EXPERIENCE

GENERAL ASSEMBLY   **Aug 2020 - Oct 2020**

Software Engineering Immersive

- Completed 12-week/500+ hour immersive course on software engineering and computer science fundamentals. Improved and developed competence in MVC architecture and development, Agile workflow and team dynamics, Git/GitHub, React, Ruby/Ruby on Rails, Vanilla JavaScript, CSS, industry best practices, as well as computer science theory on data structures, and analyzing and improving algorithmic efficiency and algorithmic complexity.
- Successfully completed 4 projects applying skills in team dynamics and solo 3-5 day sprints

EDUCATION

University of California, Berkeley	Applied Mathematics	B.A.
College of Alameda, Peralta Colleges	Mathematics	A.A.
EdX MIT	Intro to Programming in Python	Certificate

PROJECTS

USDA API (in progress)

A personal project leveraging USDA Nutrition database (https://data.nal.usda.gov/dataset/fooddata-central) to develop a custom API for retrieving nutrition data. (https://bastiat.hopto.org:3019/api/food/nutrition/garlic), https://github.com/kingram6865/usda
Technology Implemented: Node.js, Express, PostgreSQL

Farnsworth Swim School Scheduling Tool (in progress)

A full-stack project focused on developing a scheduling system for a season swim school. Additional modules are registration and payment operations. (https://fss-schedule.netlify.app/)

Jenni's Bakery (in progress)

A project to create a store allowing the client to shift from marketing in social media to receiving and tracking inventory and orders using a web app. (https://github.com/SandyJacobson/GetBaked-with-JenniBailey)

Technology Implemented: Node.js, Express, React, PostgreSQL, CSS, HTML, Full-Stack

Job-Search Progress Tracker

A capstone project demonstrating the process of creating a complete Full Stack application using the MVC architecture, in a week-long sprint. The App tracks job application process, noting history of actions taken during the process. (https://eager-goldberg-a41635.netlify.app/)
Technology Implemented: Ruby, Rails, React, PostgreSQL, CSS, HTML

The Candy Shop

A collaborative project implementing a design specification from a UX team, building a website, back-end, front-end and styling to conform to UX design parameters. (https://thecandyshop.netlify.app/)
Technology Implemented: React, Node.js, CSS, MongoDB, HTML

D&D Chaos Roll Character Generator

A single page app developed from an idea in a Facebook. A tool for people who spend time with tabletop Role Playing Games. (https://ddcccg.netlify.app/)
Technology Implemented: React, CSS, HTML, Airtable, Data Modeling

Rick & Morty Versus the Worlds ?!

A single page app using a third-party API to show information for fun and entertainment.
Technology implemented: Vanilla JavaScript, CSS, HTML
(https://kingram6865.github.io/rick_and_morty_versus_the_worlds)