BRYAN BERKLEY

Web Developer & Machine Learning Engineer
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SUMMARY

Experienced full-stack Web Developer in creating efficient and scalable web applications in entertainment and communication. Equipped with a strong foundation in data science and machine learning, and a passion for seamlessly integrating cutting-edge technologies. Enthusiastic about collaborative problem-solving environments and incorporating emerging technologies.

SKILLS

Web Development

- HTML, CSS, JavaScript, TypeScript, Python
- Libraries & Frameworks (React, Redux, Angular, Bootstrap, Tailwind, SASS/SCSS, jQuery
- Test & Behavior Driven Development (unit, end-to-end, integration testing)
- Functional / Object Oriented Programming
- Continuous Integration / Delivery
- PostgreSQL, MySQL, MongoDB
- Progressive Web Applications
- RESTful Architecture
- Responsive Design

Machine Learning / Data Science

- Python, R, Scipy, Pandas, Matplotlib, Seaborn, ScikitLearn, Tensorflow, Pytorch
- Supervised & Unsupervised Models, LLMs
- Generative AI
- Image Recognition
- Sentiment Analysis
- Time Series Analysis

Mobile App Development

- Firebase / Firestore
- React Native
- Expo

EDUCATION

Certificate | Full-Stack Web Development

CareerFoundry   Jan 2023 - Sept 2023

- Intensive training in Javascript, HTML, CSS, and Python through project-based learning and mentorship, using relevant frameworks and libraries.

Certificate | Machine Learning Engineering

Thinkful August 2018 - July 2019

- Machine learning engineering training emphasizing supervised and unsupervised techniques in data science through Python and prominent libraries.

Bachelor's of Arts in Economics

University of Hawaii at Manoa
Honors: *magna cum laude*

WEB DEVELOPMENT PROJECTS

myFlix & myCinema

- Established database (MongoDB) for movie and user data
- Created RESTful API with Node.js and Express, and business logic using Mongoose for database interaction
- Deployed API to Heroku and tested all endpoints with Postman
- Maintained version control through git and produced all documentation hosted on a GitHub repository
- Built two client-side, single-page, responsive apps for user interactions using React and Angular, respectively

React UI GitHub   Angular UI GitHub   API

ChatApp

- Designed and built a React Native messaging app in Expo
- Instituted messaging and media storage with Firebase/Firestore
- Built chat interface with Gifted Chat
- Tested all functionality across iOS and Android in emulators

GitHub

PROFESSIONAL EXPERIENCE

Private Money Lender | Keco Capital | Hawaii | Feb 2024–Present

- Consulting investors on business purpose loans for real estate development in commercial and residential sectors
- Initial underwriting, deal structure, and leverage analysis for investors and capital partners

Operations Specialist | Tesla Inc. | Hawaii | Oct 2020-Oct 2022

- Liaised between customers and multiple internal departments for smooth sales and deliveries, and achieved record quarterly yields
- Contributed to the development of business operations across multiple departments and scaled Hawaii market share by 115%

Data Consultant | Kalinax | Portugal | July 2019–Aug 2019

- Advised on strategy and execution of consultations for multinational corporations seeking growth and optimization
- Contributed to a multi-agency collaborative environment to produce holistic and impactful deliverables for the end client

Freelance Market Analyst | Kalinax | Remote | Mar 2019–July 2019

- Researched and advised on best practices for HR dashboard design to enable expeditious delivery of consultations to multinational conglomerates
- Worked closely with consultants to ensure all deliverables are relevant and efficient for implementation in final consultations