PAUL CASTRO

Senior Full Stack Developer

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SUMMARY

Full Stack Developer with over 10 years of experience in Java/JS, Angular, Vue, React, Python, Flask, NumPy, SciPy, Scikit-learn. Led development of $500K research project which was deemed a "gold standard" by the client. Increased client's revenue 2-fold after fine-tuning AI/ML-based algorithms. Well-acquainted with HR methodologies.

EDUCATION

M.S. in Computer Science

Stanford Unversity

📅 2008 - 2009   📍 Palo Alto, CA

GPA
3.6 / 4.0

EXPERIENCE

Senior Full stack Developer

Boyle

📅 2018 - 2023   📍 San Fransisco, CA

Boyle is an international Technology and Management Consulting Group with a rapid pace development and innovative solutions for demanding projects. I work as a full-stack developer here, responsible for building, deploying and maintaining internal web applications.

- Hired, trained and leading an Agile team of 7 full-stack developers
- Developed indexed database architecture using SQL procedures and triggers for 10 different applications
- Worked with Core Java to develop automated solutions to include web interfaces using HTML, CSS, JavaScript and Web services
- Worked with a committee of 6 members to organise fun-activities for the employees

Full Stack Developer

Lauzon

📅 2013 - 2018   📍 San Fransisco, CA

Lauzon is a universal digital loyalty program that offers unique and fun rewards at the places you love.

- Hired, trained and lead Agile team of 7 full-stack developers
- Simultaneously created & maintained scheduled jobs in SQL Server for space maintenance and daily backups of system and user databases for 10 clients
- Increased company revenue by 30% within 2 months after developing and implementing business logic for over 20 features
- Designed and Developed UI design for over 15 clients using CSS, HTML, ASP.NET, Vue, and React; websites scoring over 85 on Lighthouse

Solution Architect

Keeling Group

📅 2010 - 2013   📍 Palo Alto, CA

Keeling Group is a leading Digital Product Studio in California, helping companies to thrive on mobile apps, the web, VR/AR and IoT.

- Shortened project timeline by 14 months for company's largest customer by managing relationship with 3rd party vendors, saving over $800K
- Led development of $500K research project which was deemed a "gold standard" by the client
- Fine-tuned and developed AI/ML-based algorithms based on the results with Scikit-learn, increasing revenue 2-fold
- Performed Web Scraping over a catalog of 100K+ school supply products using mainly NodeJS and MongoDB; completed in 1 month

SKILLS

Client-Side

HTML   CSS   JS   Angular

React   Vue   Redux   TypeScript

Backbone   Bootstrap

Server-side

Python   NumPy   Flask   Django

SciPy   Scikit-learn   Keras   Eli5

TensorFlow   MySQL   NodeJS

Redis   AWS   MongoDB   Spark

HTTP/2

Development & Operations

JUnit   NUnit   PyUnit   TestCafe

Mocha   Jest   Scrum   Agile

GIT   Azure DevOps   Blockchain

Web3

PROJECTS

OpenFlow based Firewall

📅 08/2012 - 12/2013   📍 Palo Alto, CA

OpenFlow protocol-based proactive Firewall in Python and NodeJS.

- Configured static rules using MD-SAL
- Engineered proactive rule evaluation system at OSI layer 7 using POX controller
- Provided flexibility to configure rule using centralised NodeJS based GUI

STRENGTHS

Team Leadership

Introduction to Leadership course by **Harvard**

Communication

Attended a Communication course at **Stanford**.