# **Derek Huang**

**S**enior **F**ull-Stack **W**eb and **B**lockchain **D**eveloper

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Github: <https://github.com/elitedev201> | Portfolio: https://elitedevderek.netlify.app/

7+ years experienced JavaScript Developer possessing demonstrated acumen in Full-Stack development including software development, website, mobile apps, Blockchain development, cloud-based servers, API development and API integration. Hands on experience of designing, developing, and maintaining web, mobile applications. Capable of performing in a fast paced, result driven atmosphere. Proficient in all phases of Software Development Life Cycle(SDLC) including Analysis, Design, Development, Documentation, Testing, Deployment, Version Control and production support.

**WORK EXPERIENCE**

**Clavax Technologies LLC San Jose, California USA**

*Senior JavaScript Engineer* Apr 2019 – Jan 2022

* Completed 15+ Frontend and 6+ Backend using React, Next, Vue, Node, Laravel and Apollo GraphQL
* Reduced performance tuning of the legacy data storages and search queries of the critical progressive web application using DAX and ORD resulting in response time by 79%
* Analyzed the weblog data and extract the analytics from the data, Setup Hadoop cluster with 10 hosts (9 Data Nodes and 1 Master Node) using Cloudera Manager to process 7 TB of log data
* Collaborated with UX/UI design teams to improve checkout flow, increased conversion rates by 20%

**Tacchi Studios Shibuya City, Tokyo, Japan**

*Junior JavaScript Developer* Feb 2017 – Apr 2019

* Authored an internal tool to automate QA and monitor customer facing web applications, resulting in an improved click through rate by 7%
* Accelerated alongside 2 developers to implement APIs which mediated the internal analytics team to increase the reporting speed by 24%
* Optimized loading and building time of React project with 50% by using route level code splitting, immutable data structures, production mode flag in Web pack, CDN and enabling Gzip compression on Web Server, etc
* Liaised Agile team across 4+ application domains, led architecture, design, and development of 5 new features

**Tacchi Studios Shibuya City, Tokyo, Japan**

*Full-Stack Developer Intern* May 2016 – Jan 2017

* Remained up-to-date with industry-standard technologies and mentored a team of 15+ junior developers
* Implemented designs and style guides into functional user interfaces, ensuring high performance and compatibility across all major browsers using the JavaScript libraries jQuery, MooTools and Knockout
* Learned and the codebase, improved coding skills writing structured, tested, readable and maintainable code
* Facilitated maintain code quality, organization, and automation for 6+ applications
* Co-ordinated in developing and implementing systems architecture designs, patterns, and approaches

**Typical Projects**

1. <https://www.moneyfarm.com/uk/>

MONEYFARM is the largest online investment and digital wealth management company in Europe.

Invented core features for this project.

1) onboarding signing up by a new step covering personal details, anti-money laundering checks, investor profile questionnaire, customer verification

2) portfolio creation suggesting a portfolio's model based on customer's investor profile, time, and investment amount - reporting and billing an overview of customer's billing and invoicing as well as the reports

3) marketing automation optimizing contact management with 8 automation workflow templates

**- Roles**

Full stack developer

**- Technologies**

React, Redux, Gatsby, Bootstrap5, Node, Socket, MySQL, AWS EC2, S3

2. <https://app.fieldservicecrm.com/>

Modern cloud-based field service management software. Web applications are built with Laravel and Vue.js frameworks. Resolved connection between Laravel and Vue.js by an API, which also supports mobile apps.

Created dashboard, charts, filter, estimates, jobs, invoices and payment, PDF generation, route generation, preview of upcoming jobs, customizing calendar, lightweight messaging, email notifications, offering feedback, social integrations for quicker login, billing integration (Stripe)

**- Roles**

Lead developer

**- Technologies**

Vue, Vuex, Bootstrap, Laravel, MsSQL, AWS Lambda, serverless

3. https://[www.pleacegolf.world](http://www.pleacegolf.world)

Pleacegolf.world is a golf business platform for golf fans. Converted the Figma design to Pixel-perfect code using React and upgraded React to Angular according to the client’s needs.

Defined login/register function, email verification function using OTP, search, invite function, generating access token, FAQ, admin page, optimization data fetching speed, etc

**- Challenges**

Optimized fetching time with 0.5s from backend by using Debouncing, throttling, and request response matching ways and solved invite function by making sign flag and controlling this in backend.

**- Roles**

Full Stack developer

**- Technologies**

React, Bootstrap, JavaScript, Angular, TypeScript, Node, MongoDB

**SKILLS**

**- Programming languages:** C++, JavaScript, TypeScript, PHP, Python, HTML/CSS, SQL

**- Frontend skill sets:** React, Next, Vue, Angular, Web3, jQuery

**- Backend skill sets:** Node, Express, Laravel, Django, GraphQL

**- Blockchain skill sets:** Solidity, Smart Contract, NFT, DEX, Web3.js, Ether.js

**- DBMS:** MySQL, MsSQL, PostgreSQL, MongoDB, Firebase

**- Devops:** AWS, Azure, Docker, CI/CD pipeline, Circle CI, JIRA

**- VCS:** Github, Gitlab, Bitbucket

**- Operating Systems:** Windows, Linux, MacOS

**EDUCATION**

**Nagoya University** **Furo-cho, Chikusa-ku, Nagoya, Aichi, 464-8601, Japan**

*Computer Science/Bachelor* Apr 2012 – Mar 2016

**Language**

- English: Fluent

- Japanese: Native

- Chinese: Intermediate

**Certification**

**ReactJS certification** **Hacker Rank – Oct 31st, 2020**