

JERRY MACK

Elgin, SC · 818-703-3353

Email: mackintechofficial@gmail.com | LinkedIn: www.linkedin.com/in/jerry-mack-swe |

GitHub: <https://github.com/EOSandCHILL>

Innovative and driven Marine Corps Veteran, with 10 years of experience in the technology industry (civilian and federal). I am in the process of finishing my bachelor's in software development while constantly gaining new skills as a full-stack software developer at Land Intelligence, a SaaS Prop-Tech company, in Columbia, SC. My mission is to create easier access to resources for everyone, using my skills to develop scalable business, federal, and personal life-enhancing software.

PORTFOLIO

Software Development Portfolio | Individual Project | June 2022 – Oct 2022 | This current iteration is v2 of my Software Development portfolio | <https://jerry-mack-swe-portfolio.vercel.app/>

EXPERIENCE

OCT 2022 – PRESENT

FULLSTACK SOFTWARE ENGINEER, LAND INTELLIGENCE

- I developed software with React, that allowed investors to apply for debt on our platform when they're investing in land. This development allowed the company to gain a strategic financial partnership and generate 5% of revenue from the interest of every approved loan application.
- I developed software with Node.JS, that allowed customers to utilize 70% off coupons for company promotions. I also developed software with React, which made changes to the application's user interface to promote products on sale allowing the company to increase its user count by 15% in less than 30 days during the promotion.
- I, reviewed, tested, and deployed a major code change to production, that provided our customers with more high-quality and detailed data. This higher quality data allowed over 80% of our users to find and invest in land that fit their specific land development needs.
- I utilize web-based digital intelligence systems that allow me to improve our customer's experience by tracking and monitoring user activity. I track user sessions, page transitions, rage clicks, and checkout funnels which helps me determine how to increase the users' experience.
- I am responsible for creating product and technical documentation for 6 financial products and 2 financial projects that I'm currently managing, generating 30% of the company's revenue.
- I utilize software tools like Atlassian's Jira for workflow and confluence for documentation, I use HubSpot for business integrations, SharePoint for team documents, Stripe for payment integrations, FullStory for UI/UX feedback, AWS for running builds, Figma for wireframing, Docker for running and building apps, MySQL to manage company databases, Slack and Teams for communication, GIT and GitHub to manage repositories daily.
- I organize sprint planning internally and in collaboration with 3rd party companies to assist with parallel development for our SaaS products.
- I maintain and upgrade the company's large Web-based SaaS Prop-Tech application utilizing React, SCSS, Node.JS, Solidity, and MySQL at: <https://landsuite.landintelligence.net/login>

SEPT 2021 – SEPT 2022

BIOMEDICAL TECH, LEXINGTON MEDICAL CENTER

- I analyzed, corrected, and maintained operating systems, computer systems, and medical equipment utilizing flow charts, logical thinking, and complex problem-solving solutions, saving the hospital a minimum of \$1,500 weekly.
- I utilized and maintained hospital networks, alongside the IT department daily, to ensure 100% integrity, authorization, and confidentiality of sensitive patient data, using medical software.

JAN 2019 – JUNE 2019

SERVICE ENGINEER, L3 HARRIS TECHNOLOGIES

- I provided tech support to regional customers by installing and updating software using Linux RedHat, troubleshooting operating systems and networks, reporting software bugs, and maintaining X-Ray and CT based airport security systems saving the company well over \$250K in repairs costs.
- I worked with customers to identify software and mechanical problems and gave customers solutions to issues over the phone and on-site saving the company well over \$500K.

DEC 2012 – DEC 2017

SR. AVIONICS TECH, US MARINE CORPS

- I repaired and maintained various communication, navigation, countermeasure, night vision and software systems using FAA manuals to ensure the safety of thousands of US Marines during flight, while also being accountable for \$20M worth of aviation equipment.
- I trained and mentored 42 Marines on electronic theory, complex aircraft systems, blueprints, schematics, control flow diagrams, analog systems, digital systems, databases and manuals to complete complex problems on a day-to-day basis.
- I decreased my work center's troubleshooting man-hours by 20% using advanced flow charts, ensuring the readiness of 57 maintenance test sets, saving my unit over \$10M in vital resources.

EDUCATION

MAY 2022 – Q2 2023

B.S. IN SOFTWARE DEVELOPMENT, WESTERN GOVERNORS UNIVERSITY

This degree program consists of JavaScript, HTML, CSS, C#, C++, Python, SQL, Database Management Systems, Software Development Life Cycles, Debugging, Programming, IT Fundamentals, Web Protocols, Software Quality Assurance, and Network Security Fundamentals

SEPT 2019 – JUNE 2021

ECONOMICS PROGRAM, UNIVERSITY OF HAWAII

DEC 2016 – OCT 2018

A.S. IN AERONAUTICAL SCIENCE, EMBRY RIDDLE AERONAUTICAL UNIVERSITY

SKILLS

- JavaScript, React, Node.JS, MySQL, AWS
- Workflow and Time management Tools
- Product and Project Management
- Customer-centric development mindset
- Troubleshooting and Debugging
- Agile scrum, Kanban boards, and DevOps
- Blockchain and Payment Integrations
- Communicating with non-technical stakeholders