

# LANCE MALAGA

FULL STACK DEVELOPER, UX/UI & GRAPHIC DESIGNER

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## EXPERIENCE

### Mobile Developer | UX/UI Designer — BoldStratus, Vancouver, BC

APRIL 2024 - CURRENT

- **Led cross-platform mobile development:** Spearheaded the development and integration of complex features for both iOS and Android applications, including an interactive map using Mapbox and Flutter libraries, boosting user engagement and enhancing data visualization capabilities.
- **Implemented automated solutions:** Developed Python scripts to automate tasks, making the project more manageable and reliable in the long term.
- **Managed AWS integration for storage and data delivery:** Managed the files and setup for AWS features, leveraging EC2 instances and S3 buckets to handle data storage and efficiently serve data across the app. This integration optimized backend processes and improved the scalability of the app.

### Front End Development Tutor — British Columbia Institute of Technology, Burnaby, BC

SEPTEMBER 2023 – MAY 2024

- **Facilitated learning:** Conducted group and drop-in tutoring sessions to help students grasp web and mobile development concepts, leading to improved student performance and understanding.
- **Engaged students:** Created an interactive and engaging classroom environment, maximizing student participation and coding practice.

### Front End Developer — White Cloak Technologies Inc, Manila, Philippines

SEPTEMBER 2020 - JULY 2022

- **Led web and mobile development projects:** Utilized React.js, React Native, NextJS, and TypeScript to develop responsive web applications, ensuring seamless user experiences across devices and meeting business objectives.
- **Enhanced user experience:** Designed and implemented user-friendly interfaces using SASS and CSS frameworks, optimizing for mobile devices and improving accessibility and engagement.
- **Optimized web performance:** Conducted unit testing and debugging to ensure smooth, reliable, and error-free application performance, enhancing user experience and reducing downtime.
- **Streamlined design process:** Proactively collaborated with the UI/UX team to create high-quality assets and layouts using Figma, Sketch, and Photoshop, aligning with brand guidelines and expediting project timelines.
- **Facilitated stakeholder communication:** Presented efficient solutions to stakeholders, utilizing CRM software to deploy production-ready websites with customized layouts that met specific business needs.
- **Integrated data-driven insights:** Implemented Google Analytics into websites, enabling the collection and analysis of user data to provide stakeholders with actionable insights for optimizing web strategies

## HIGHLIGHTS

- 3+ yrs. of Tech experience
- Bilingual - English / Filipino

## PROJECTS

### Project Manager, Front End Developer, UX/UI Designer — Spurt

SEPTEMBER 2023 - December 2023

Managed a team of seven through effective communication and transparency, successfully delivering a React Native based mobile application designed for first-time gardeners and community garden management.

## SKILLS

**Design:** UI/UX Design, Prototyping, Wireframing, Style Guides, Graphic Design, Journey Mapping

**Technical:** HTML, CSS, JavaScript, NextJS, TypeScript, React.js, React Native, Flutter, SQL, Firebase, Git, SEO, Cypress, NodeJS, Android Studio, XCode, Wordpress, Mapbox, AWS

**Competencies:** Agile Methodology, Unit Testing, Website Optimization, Adobe Photoshop, Illustrator, InDesign, After Effects, Premiere Pro, Jira, Spline, Microsoft Office

## RECOGNITION

- **Digital Design and Development:** Graduated with Distinction
- **Zuitt - Coding Bootcamp:** Best Capstone 1 and Top Performer
- **MEADE Scholar** 2014-2018

## REFERENCES

Available upon request

## Technical Support — Linkworks Inc, Indiana, United States

JULY 2020 - MARCH 2021

- **Ensured software quality:** Evaluated and documented unit test cases for newly developed application features, ensuring high standards of quality and functionality before deployment.
- **Enhanced software stability:** Utilized C++ to troubleshoot, fix bugs, and develop new features, contributing to the overall stability of the software.

## EDUCATION

### British Columbia Institute of Technology, Burnaby, BC — *Diploma: Digital Design and Development*

SEPTEMBER 2022 - MAY 2024

- **Developed dynamic web applications:** Leveraged AI and APIs in a mobile application using React Native Expo to achieve dynamic page delivery and enhance overall application functionality.
- **Ensured high-quality code:** Implemented unit testing using Cypress, resulting in precise, error-free code that meets quality assurance benchmarks.
- **Created award-winning websites:** Designed and developed high-quality WordPress websites that won the best websites award for the entire program, achieved through meticulous planning, innovative design, and efficient coding. This project demonstrated my ability to deliver outstanding results with limited resources, working with a team of just two people.
- **Applied user-centered design principles:** Focused on creating user-friendly and accessible web interfaces, ensuring that the final products met both user needs and business objectives

### Zuitt - Coding Bootcamp, Manila, Philippines — *Certificate: Full-Stack Web Development*

FEBRUARY 2020 - JUNE 2020

### De La Salle - College of Saint Benilde, Manila, Philippines — *Degree: Bachelor of Science in Architecture*

MAY 2014 - APRIL 2019