

Carl Vinson Matulac

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Carl Vinson Matulac

Mobile and Web Developer

Freelance / Former DevOps





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About Me

Hello! I'm **Carl Vinson Matulac**. I am a Dedicated Electronics Engineer Professional well-versed in software development. I am looking for an opportunity to work as a developer using mainly in **Dart / Python** as the main programming language to produce a efficient and reliable output prototype. **Goal-Driven** and **Eager to learn individual**. Can handle working with pressure to produce an output that can satisfy the client needs and deadlines.

Bio

 Age	26
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Professional Skills

HTML



CSS



JavaScript



Flask



Jinja2



Flutter



Android Studio



Rails on Ruby



Unity Engine



GenieACS (TR-069)



BEGINNER

Splunk

BEGINNER

Adobe: Photoshop

ADVANCE

Googling / Researching

MASTER

Python

ADVANCE

C++ / C#

ADVANCE

Java

ADVANCE

Dart

EXPERT

TypeScript

BEGINNER

OS: Kali Linux (Pentesting)

BEGINNER

Database: SQL

ADVANCE

Database: MongoDB

ADVANCE

Database: Firebase Realtime

EXPERT

Microsoft Toolset

EXPERT

Work Experience

○ Web / Mobile Developer at Entropy Solutions

March, 2021 - Present

Assigned with the role of a developer and was able to produce outputs that exceeds clients expectations on projects that includes web development (Python(Flask) / Rails / Typescript / Javascript) and Mobile Developments that mainly focuses on Android Studio and Flutter Development.

Project Engagements:

- Hivesac - Web / Mobile Application (Frontend / Backend)
- Gridloc Device Management - Web Application (Frontend / Backend / SME)
- Swift Dispatch System - Mobile Application (Frontend)
- CRM System - Web Application (Frontend / Backend / Onsite Installation)

○ Technology Consultant at DXC Technologies

April, 2018 - March, 2021

Provide technology consulting to external customers and internal project teams. Responsible for providing technical support and have the initiative to create and deliver technology solutions for customers' business needs. Roles include the following: Developer, DevOps Engineer, Test Engineer, Software Engineer. Experiences under Technology Consultant I:

- C#, Java, HTML, Bootstrap: Have been a back-end developer for a Proof of Concept that handles the automation of hiring process for fresh graduates.
- SAP: Have been a point person for the for SAP team and Non-SAP team collaboration in creating and troubleshooting issues in regards with IDOCS. Also has fundamentals in the user interface of SAP Logon software.
- Technical Support: have been directly engaged with a client in order to resolve a ticket incident.
- Angular, NodeJS: Have been a front-end developer for the DTC-Portal Website for POC.
- SQL Database: Used the database for the Electronic POS Terminal data management and troubleshooting the POS Terminal.
- Unity: Been able to produce a game asset for a training provided by the company.
- Cordova: been able to produce a basic progressive web app prototype.

Accounts Immersion: - American Airlines – DevOps Engineer - Bella Vista –
DevOps Engineer

Freelance at Self Employment

2018 - Present

Created multiple Prototypes including hardware and android mobile application for a freelance project, the project prototypes we're made and finished within 3 to 4 months (1 Academic Term). Thesis topics created includes the following:

- GPS Guided Smart Go Kart (University of the East)
 - Design and Development of Visible Light Communication-based Underwater Communication Device (De La Salle University)
 - Designing and Developing a Hardware and Software Interface for Facial Identification and Cross- location using Multiple IP-CCTV Video Archive utilizing CNN (University of the East)
 - Design and Development of a Fall Analyzer Indoor. (University of the East)
- Technology Mainly used in creating the prototypes:
- Java (Mobile Application)
 - Arduino IDE (C++)
 - Pycharm IDE (Python)

Freelance (Online Game Server Management) at Self Employment

2018 - Present

Created and managed a private server for an online game which includes the development of website, game assets and network configurations. The server were managed and run efficiently for a year and has reached the top 3 for the private server listing for Ragnarok Online internationally.

Education

Bachelors Degree in Electronics Engineering from De La Salle University

2012 - 2018

Thesis Project Head

GPS Guided Smart Go-Kart with Obstacle Avoidance System

Hardware and Software Programmer

National Training Service Program

President

Secondary Education from La Consolacion College

2008 - 2012

Cadet Officers Candidate Course

Cadet

Primary Education from La Consolacion College

2004 - 2008

Primary Education from St Therese School

2001 - 2004

Portfolio





Frontend / HTML / CSS / JavaScript / Endpoint

ICA Insurance Website (In - Progress)

Built a website for ICA Insurance Website which includes front end and back end designs.



Main Developer - Hardware / Software

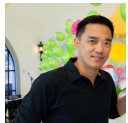
Smart Go-Kart (Hoverboard Powered Kart)

This study presents a smart go-kart capable of moving automatically from one place to another. The system is composed of hover boards used as front wheels and main engine, which is installed at the back. GPS is used for setting the beginning and destination with the help of an android application's graphical user interface. The start and destination along with the option of manual and automatic drive, will be set using the android application and will be sent to

Arduino microcontroller through Bluetooth module.



References



Ricky Lopez

Ardent Networks Inc. - General Manager

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Joel Ezekiel Asis

G - Technologies Inc. - President

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Contact

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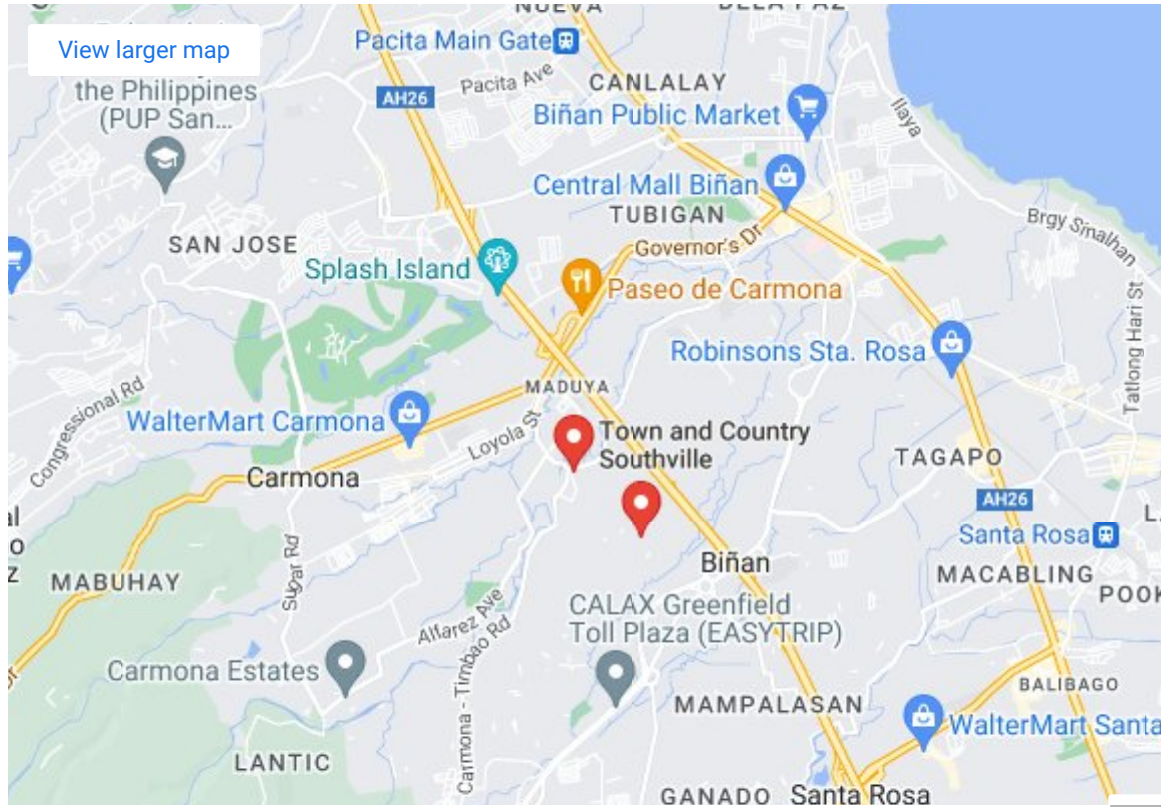
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Name

Email address

Message

SEND



Carl Vinson Matulac



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