

William Plaetzer

IOS Swift Junior Developer

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Professional summary

I am an experienced developer with a unique blend of creativity and technical expertise. I have the ability to listen to and envision what clients want, bringing their desired applications to life through code. I approach projects based on the specific directions and desires of my clients, ensuring that the final product aligns perfectly with their expectations. I solve companies' problems by delivering exactly what they want, avoiding the undesired outcomes that are common in the software industry. This approach fosters long-term client relationships and makes me highly sought after, as it is rare to find developers who can think and execute in this manner with a client-centered approach. Additionally, I have the unique ability to connect with almost everyone I meet, being friendly, easy-going, and easy to work with.

Employment history

Employer Solutions Staffing Group | Payroll Specialist

Jul 2017 - Present

Payroll Specialist, July 2017- Present

Streamlined payroll operations and data confidentiality

Independent Work | IOS Developer | Edina, MN

Mar 2022 - Present

Developed an IOS application using Swift, Xcode, Alamofire and MapKit.

Integrated advanced chat features like in app video, photo, audio, text and ability to invite friends to hang out with a date, time and a location where it then takes you to a map controller to see the location in real time. The user can then suggest a different time, place and location if they don't like the option offered.

Incorporated customizable UI elements like backgrounds and fonts.

Prioritized user experience with smooth UI transitions and thorough testing.

Introduced Disappearing posts that are chosen from a time wheel of 1-72 hours as options and whatever the user chooses it appears on the post with a count down timer to show to deletion.

Implemented push notification functionality to send real-time updates to users.

IOS Swift application with pictures available upon request as the code remains proprietary.

Radisson | Guest Service Representative

Oct 2015 - Apr 2017

Facilitated online reservations and handled guest check ins

PHP Independent work | Minneapolis

Mar 2022 - Present

I created a sophisticated task management system integrated into a website chat platform. This system allows you to assign tasks to users, including a video, photo, document, task name, and task description. The assigned user then responds with their own task name, description, video, image, and document. After their response, the task returns to the original assigner for feedback, including a final photo, video, document, description, and task reference. The process is visually guided by arrows, indicating whose turn it is. This system surpasses modern task management tools with its depth, featuring pop-out photos for zooming and repositioning, and enlarged videos for better viewing.

Education

Bachelor of Science in Park Rec and Leisure | University of Minnesota

2014 - 2014

Software Engineering Certification (Java) | Duke University

2018 - 2018

Relevant Course Work: Data Structures and Algorithms, Object-Oriented Programming and Mobile Application Development.

I built a Netflix style recommendation system in Java for different movies and movie categories.

Data Structures and Algorithms | University of San Diego

2018 - 2018

Self Driving Car Nano Degree | Udacity | Remote At Home

Jan 2021 - May 2021

Udacity's Self-Driving Car Engineer Nanodegree program is one of the first and most prominent online educational programs specifically aimed at training engineers in the technologies underpinning autonomous vehicles.

In this program I honed my Python expertise while integrating the power of C++ for performance-critical applications. Essential mathematical tools, like matrices and calculus, became more than mere abstractions, they were intricately woven into my code to address complex problems. Simultaneously, I delved into the realms of computer vision and machine learning, anchoring my newfound skills to the practical and cutting-edge challenges posed by autonomous vehicles. This comprehensive approach not only expanded my technical repertoire but also positioned me at the forefront of shaping the future of transportation.

Business Analytics Certificate | University of Pennsylvania | Remote

Jun 2017 - Dec 2017

The *Business Analytics* program is designed to give learners an understanding of how to look at data and identify insights, improve their ability to make long-term predictions, and prescribe future actions to help make better business decisions in a constantly changing world.

Skills

ios swift developer

custom algorithms

passion for creating customized innovative application solutions

data structures and algorithms

mobile application development

java

php

swift

xcode

xamp

uikit

alamofire

realitykit

mysql

html

jquery

crafting complex user centric applications

development skills

client requests

object-oriented programming

software engineering certification

data structures and algorithms

java

javascript

sublime

ios cocopods

core data

mapkit

arkit

firebase

css

firebase realtime database