

David Duron

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Education

Hillsborough Community College

AS IN COMPUTER PROGRAMMING

GPA: 2.8

Tampa, FL

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Experience

Advanced Correctional Healthcare, INC

EMR DEVELOPER

Remote

10/01/2023 – 04/30/2024

- Wrote authentication (OTP, 2FA) using MS Identity (.NET 6 API).
- Completed multiple third-party HL7 integrations.
- Inherited Legacy Web App (Vue 2, .NET 6) with no documentation or testing.
- Created test strategy and wrote unit tests (NUnit, NSubstitute), integration tests, and automated end-to-end testing (TestCafe).
- Wrote documentation of all touched features.
- Met goal of eight features per two week sprint.
- Participated in a mentorship program where I was mentored and I mentored three software developers.
- Provided company solution on how to cut storage costs in half.
- Worked with less-experienced developers and staff who required additional explanations of the tech information.
- Deployed Vue 2 application to azure static web app using swaCLI.
- Deployed .NET 6 API to azure app service.

Curved Arrow Networks, LLC

SOFTWARE ENGINEER

Lakeland, FL

08/01/2023 – 04/01/2023

- Created patient-facing application akin to Epic's MyChart using WAMP, Bootstrap (Later ASP.NET MVC)
- Successfully completed a CRM system project, resulting in a 75% boost in productivity and sales closing rates for clients.
- Wrote database schema and ERD to allow for HL7, FHIR, PSAP, and medical billing integrations.
- Wrote unit tests (NSubstitute, NUnit), integration tests, and automated end-to-end testing (TestCafe)
- Collaborate with cross-functional teams, including designers, developers, and quality assurance, to deliver high-quality software solutions.
- Wrote Stripe API integration and ensured PCI-DSS, GDPR compliance for payment processing.

Skills

Web Development: .NET, C#, Java, Javascript, Laravel, Azure, Docker, K8s, React, Angular 15+, Vue 2, Vue 3, C++

Projects

Advanced CH's EHR

THIS IS AN APPLICATION WRITTEN IN VUE 2 AND .NET 6 TO RECORD ALL ELECTRONIC MEDICAL RECORDS AND E-PRESCRIBING.

Vue 2, VSCode, Vuetify 2,
Jwt-Decode, .NET 6 API, Visual
Studio, Azure SQL Server

<https://www.detainemr.com/>

Curved Arrow Network's CAN-DB

THIS WAS AN APPLICATION TO CONNECT 911 PATIENTS TO INCOMING PARAMEDICS TO PROVIDE A PATIENT'S FULL MEDICAL HISTORY USING FHIR. THE MARKET CHOSE TELEHEALTH INSTEAD.

PHP 7.4, ASP.NET MVC, Bootstrap
CSS, Mysql

Out of business

Awards

11/01/2023 **Collaboration Award**, This was awarded after overseeing the migration from MSSQL Server 2012 to MSSQL Server 2016

Advanced
Correctional
Healthcare

2012 **Presidential Volunteer Service Award (Gold)**, This award was presented to me after volunteering as a Junior Firefighter after so many hours. I received a lapel pin and a signed document from President Obama.

National Volunteer
Fire Council
(President Obama)