

David Duron

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Experience

Advanced Correctional Healthcare, Inc

EMR Developer (Remote) - 10/2023 - 04/2024

- Wrote authentication using .NET and MS Identity platform (OTP, 2FA)
- Integrated Azure Email Communication Service, Azure Blob Storage
- Reduced projected storage costs by 50%
- Created/implemented test strategy for unit tests, integration tests, automated e2e tests.
- Implemented HL7 2.x messages to integrate with third-party vendors.
- Created and implemented a process to convert raw data to patient models.
- Presented all completed features to less-experienced developers and staff.
- Presented solutions on system security and architecture.
- Mentored three computer science students.

Curved Arrow Networks, LLC

Software Engineer (Office & Remote) - 08/2018 - 04/2023

- Wrote authentication using .NET and MS Identity platform (OTP, 2FA)
- Sole developer on internal CRM that resulted in a 25% boost in company sales.
- Created a patient-portal that would allow users to connect their data to local EMS.
- Created message & ticketing system to be used with internal CRM and patient-portal.
- Wrote unit and automated end to end tests.
- Wrote Stripe payment integration and ensured PCI-DSS, GDPR compliance.
- Presented weekly upskill training to peers.
- Integrated with OpenEMR and Epic On FHIR.

Projects

1. Electronic Health Record (ACH)
 - .Net 6, Vue, Vuetify, Azure, MSSQL Server & Azure MSSQL, Vuex, Javascript.
2. Patient Portal (CAN)
 - .Net 6, Angular, NgRx, MySQL, Docker, Kubernetes, Bootstrap, Typescript, Windows, Linux, Nginx, MS Identity.
3. Customer Relationship Management (CAN)
 - PHP SSR, Apache 2, MySQL, Bootstrap, HTML, Javascript.
4. Sweet and Sour No More (Personal)
 - .Net, Angular, MySQL, Docker, MD Bootstrap, Typescript, Nginx, MS Identity, Google Maps.