



## Objective

Impact driven, utilize my software development skills to deliver highly performant, intuitive, useful software

## Top Languages and Frameworks

- **C#**, **.NET Framework 4**, **.NET Core 3.1**, **Web API 2**
- **Python 3.9**, **bash**
- **Javascript ES6**, **Angular 13**, **React 17**, **Typescript 4**
- **SQL**, T-SQL, PL/SQL, Sql Server, OracleDB, MongoDB
- **HTML5**, **CSS**, **SCSS**
- ng-bootstrap, PrimeNG, Material, Highcharts, Lodash
- IIS, NginX, **AWS**, **GCP** (Google Cloud Platform)
- **Node.js 16**, **Docker**, Git

## Top Skills

- Web development, Enterprise app development
- **CI/CD**, Gitlab, Github Actions, GCP App + Compute Engine, AWS EC2, Cloud Build, Cloud Deploy
- Database design, security, backup/recovery, migration
- **UX/UI** design
- Data visualization
- **Agile**
- Containers, load balancer - autoscaling (NLB AWS + GCP)

## Education

Bachelors of Science in **Computer Science**, University of Texas San Antonio,

GPA in Computer Science: 3.43

Concentration in **Software Engineering** and **Information Security**

Graduated: May 2017

### EMR SOFTWARE

Electronic medical record system built using JDK, for an ophthalmology clinic, to record patient demographics, health history, physical exam detail, vitals, digitally sketch eye conditions, surgical procedure templates, document upload / pdf viewer.

## Work History

### SOFTWARE ENGINEER

INTEL

2017 – 2021

Full Stack application developer. Develop and sustain web applications for Manufacturing; Providing data analytics, reporting, tracking, and decision engineering. Web apps (SPA) developed using Angular, .NET WebAPI, and Sql Server + Oracle Database. This includes the entire software lifecycle process from planning, architecture, and execution. The work also includes being responsible for maintaining live web services, uptime, database administration, and authentication/security. Rewrite legacy applications with Angular/.NET. Migrate apps running on obsolete/earlier version frameworks to Angular/.NET

### Major Accomplishments

#### WEB APP - MANUFACTURING OVERVIEW DASHBOARD

Developed SPA using AngularJS/.NET for internal manufacturing operations use. Provides reporting, decision making, and tactical live data analysis to various manufacturing engineers

#### WEB APP - DATA ASSESSMENT AND AUDITING

Developed SPA using Angular/.NET for internal manufacturing data auditing and assessment use.

#### 3D ATHLETE TRACKING (3DAT) - PYTHON MICROSERVICE

Primarily developed a *python microservice*, containerized with *Docker*. Functions were capture and process live stream video input, and communicate via *RabbitMQ* specific frame data to other components in the pipeline. Other tasks include Linux server provisioning, automation, development and deployment of dockerized applications, and assisting other engineers and interns with build, migration, deployment, debugging, and configuration on linux systems.

<https://www.intel.com/content/www/us/en/architecture-and-technology/3d-athlete-tracking.html>