

## Shyur Jeenarain

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### Education

#### Durban University of Technology

Advanced Diploma in ICT Applications Development, Grade: Cum Laude (85% Aggregate)

Diploma in ICT Applications Development, Grade: Cum Laude (78% Aggregate)

Durban, KZN

Jan 2022 - Nov 2022

Jan 2019 – Nov 2021

### Experience

#### Level Up Medical

##### Junior full stack developer intern

Jan 2022 – April 2022

- Selected as one of 300 participants in the entire course for the internship program based on leadership potential, academic success, and software projects..
- Built an electronic health record (EHR) system using ASP.Net Core Blazor.
- Implemented Transact SQL queries for the EHR CRUD operations using Dapper ORM.
- Implemented SyncFusion component library for the user interface.
- Collaborated with stakeholders in giving input on design decisions and business operations.
- Utilized software: C#; Blazor; SQL; Syncfusion; HTML/CSS; Dapper ORM.
- Reference: CEO- Kamlesh Maharaj: 083 777 4713

### Software Projects

#### Durban University of Technology

##### Neighborhood Watch Application

Sep 2022 - Nov 2022

- Built the web application using Asp.net core Blazor.
- Led development project with a 6-person team and applied agile methodology.
- Created plans and set goals for the completion of deliverables
- Implemented the CRUD functionality using Dapper for the alert log.
- Built a custom email feature whereby users can email the admin.
- Contains a dynamic chart displaying the number of incidents using a data visualizer.
- Added in Google Maps' location.
- Used C# and MSSQL for the backend and HTML/CSS for the front end.
- Designed a page getting live eNCA news updates from an API.
- Implemented client/server-side validation for inputs and deployed on Azure cloud.
- The web application be accessed here: <https://blazorauthproject.azurewebsites.net/>

#### Durban University of Technology

##### E-Library Application

March 2021 - Nov 2021

- Designed the code to capture the total to be used for payment.
- Implemented PayPal API to be used as a payment gateway by processing the total amount.
- Led and collaborated with a team to ensure that all use cases are met by applying agile and SDLC iterative development methodologies.
- Implemented a test plan and a variety of testing methods.
- The web application can be accessed here: <https://2021grp09.azurewebsites.net/>

### Skills & Interests

**Technical:** C#; SQL; HTML/CSS; JavaScript; Blazor; ASP.NET MVC; GitHub; Azure; OOP; CosmosDB; Agile methodology and SDLC.

**Language:** English

**Interests:** Gaming, MMA, and Basketball.