[**SHAIRAL**](https://skshama18.wixsite.com/mysite) **NEEMA**

(704)236-4308 **|** [**shairalnm@gmail.com**](mailto:shairalnm@gmail.com)[**|** https://www.linkedin.com/in/shairal-neema-932227b2/](|%20https://www.linkedin.com/in/shairal-neema-932227b2/%20)  **|** https://shairalneemaportfolio.netlify.com/ **|** Charlotte, NC 28262

Accomplished graduate student with 3 years of industry software development and engineering experience with proficiency in .Net, Java and database creation. Designed Web-based ASP.NET Internet applications connected to SQL databases. Enthusiastic to work cohesively in diversified groups, aiming a voluminous team output. Efficiently Solve problems using object-oriented design, data structures & algorithms and complexity analysis concepts.

**EDUCATION**

**Master** **of** **Science** **in** **Information** **Technology** **|** University of North Carolina at Charlotte, USA **(GPA:** **3.9/4.0) DEC, 2019**

**Bachelor** **of** **Technology** **in** **Computer** **Science** **|** MPSTME, India **(GPA:** **3.22/4.0) AUG, 2017**

**TECHNICAL** **SKILLS**

**Programming** **Languages:** C#, C++, C, Python, R, Java, Dart

**Web** **Technologies:** HTML5, CSS3, jQuery, XML, Ajax, Django, SCSS, JavaScript, React.js, Angular, React Native, Bootstrap, Node.js, NPM, Flask, Jinja2, JSON, REST APIs, Android, Firebase, Flutter, GulpJs.

**Tools and IDEs**: Visual Studio, Visual Studio Code, Eclipse, NetBeans, R Studio, Python, Anaconda, Jupyter, Android Studio.

**Frameworks:** ASP.NET MVC, ASP.NET Core**,** Core Spring Framework, Spring MVC, J2EE

**Databases:** MySQL, SQL Server, MongoDB, Postgres SQL.

**CI\CD:** Github, Bitbucket, git, Gulp.

**Cloud Services:** AWS(Amazon Web Services), Google Cloud Platform.

**Methodologies:** Agile, SDLC

**Operating Systems:** Mac, Windows 7/10, Linux/Unix, Ubuntu

**EXPERIENCE**

**Software Developer** **|** E4 Carolinas, Charlotte, USA **May, 2019 - Aug, 2019**

* Built Architecture for 2 projects while designing the scope of the project.
* Work with developers and database administrators to transform data models from logical to physical using basic ETL.
* Effectively perform root cause analysis of issues and report the outcome to business community and Management.
* Work with the Database Administration team to develop and enhance database standards.
* Developed website using JavaScript to ease the performance.

**Software Engineer |** Sheetalam, Indore, India **May, 2017 – Dec, 2017**

* Built an IOT based smart street light system to help the electricity problem in the area.
* Developed the code using Arduino, Rasberry pi-3.
* Ensure strategies, standards, and architectures are consistent and integrated across IT domains
* Transform the logical details to actual physical code.

**Technical Intern |** Diaspark Pvt Ltd, Indore, India  **May, 2016 – June, 2016**

* Performed the front-end part for the web application using HTML, CSS and JavaScript, using Visual Studio for working with ASP .Net and C#.
* Worked on Database creation, schema design and stored procedures in MS-SQL.
* Implemented test cases for performing unit testing on the project.

**PROJECTS**

**Neonatal** **Intensive** **Care** **Unit** **(NICU)** **Follow** **Up** **(***C#, MySQL,* *HTML,* *CSS)* **|** **UNC** **Charlotte**

* A portal that allows Neuro Developmental Assessment of a newborn, followed by checkups till the age of 5 years**.**
* Implemented using C# Asp.net frameworks and front end is developed using HTML, CSS and JavaScript.
* Graphs were created for easy monitoring of the baby’s health.

**Karigari** (*Flutter,Dart, Firebase, Android , iOS*) (https://play.google.com/store/apps/details?id=com.geniusv.karigari&hl=en\_US)

* A Jewelry selling application designed to ease the purchasing.
* This application is designed using flutter with firebase for database.
* The categorically detailed the UI/UX to enhance user experience.

**Phone-Store** (React, HTML, CSS, Bootstrap, Netlify) | (<https://phone-store-website.netlify.com/> )

* This is an e-commerce website made for purchasing phones.
* Implemented using react, redux, styled components and the front end with HTML, CSS and bootstrap.
* Used REST APIs for payment gateways.

**Online** **Food** **Cart** *(Java, MVC, HTML, CSS, JSP)* **|** **UNC** **Charlotte**

* A web application where in customers can order the food items and pay online.
* Developed in Eclipse using Java and MVC framework. Designed the front-end using HTML and CSS. Application is deployed in AWS.
* Implemented SQL Injection and Email functionality where, an email will be sent to the customers when the order is confirmed.

**Form Visualizer** *(AWS, MongoDB, Metabase, Angular, NodeJS*) | **UNC Charlotte**

* An AWS based web application that uses a form and visualizes it using MongoDB, Metabase, Angular, NodeJS, to help the professor understand his students.
* Used Aws EC2, ElasticBeanstalk for cloud operations.

**Web Crawler based HR Dashboard** (*Python, Tableau, MySQL*) | **UNC Charlotte**

* A Tableau based HR dashboard project using **Python** and **Tableau** that helps the HR to analyze the market, this project was done with **CONTINENTAL AG** as customer. ( <https://github.com/shairalnm/Web-Crawler-based-Dashboard>)
* Participated in daily scrum meetings and iteration reviews for agile development.

**Lending Tree Data Analysis** (*Python, D3, Vega, Tableau, MySQL*) | **UNC Charlotte**

* An Analysis based project to help **LENDING TREE** analyze their data using **D3** and **Vega**. (https://github.com/shairalnm/FinalProjectVA)

**Online Pharmacy Management** (*Java, JSP, JavaScript, HTML, CSS*) | **UNC Charlotte**

* A **Java** based Web Application coupled with **MySQL** for database (<https://github.com/shairalnm/Online-Pharmacy-Management>).

**ACHIVEMENTS**

* Participated and presented the relevant project work at 2018 Spring ICP Showcase.