

SHAIRAL NEEMA

(704)236-4308 | shairalnm@gmail.com | <https://www.linkedin.com/in/shairal-neema-932227b2/> | <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, Raspberry 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.