

NEELKUMAR PATEL

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neelkumarpatel.com\

A versatile and driven Software engineer professional student with demonstrated organizational and leadership skills. An innovative professional with extensive knowledge of designing and building web applications. Aim to be associated with a progressing organization that will help to further update my knowledge and skills in accordance with the latest trends. Strive to be a part of a dynamic team that is working for the growth and streamlining of the organization's quality and processes.

SKILLS:

- An advanced technical skill with the ability to design and develop web applications by using visual studio and android studio with database connectivity.
- In-depth knowledge and understanding of programming language C#, ASP.NET, Java, Html, and experience with working UI framework flutter.
- Ability to handle databases on Cloud with Microsoft Azure, Firebase, and MongoDB.
- Knowledge of MongoDB and complete project clustering.
- An advanced analytical skill with the ability to review documentation of software and data as service for applications and the ability to interpret data/information is presented clearly and conclusions are adequately supported by data
- Strong critical and logical thinker with advanced ability to make appropriate decisions on regulatory activities.
- Thrive in a team environment and work well with others.
- Effective management skills to handle multiple priorities and balance work to achieve business goals.
- Knowledge of Software Design Pattern such as Observer Pattern, Chain of responsibility pattern, factory pattern, MVC, Prototype pattern.
- Deep understanding of NLP Algorithm and NLTK python libraries.

EDUCATION:

Master's in computer science (September 2021- May 2023)

Rowan University, Glassboro, NJ

Current GPA: 3.8/4

BTech in Computer Science & Engineering (June 2017- April 2021)

Parul University, Vadodara, Gujarat, India

GPA: 3.42/4

COURSE HIGHLIGHTS

Mathematics-1, Mathematics-2, Data Structures, OOP C++, Object-Oriented Analysis & Design with UML, Discrete Mathematics, Database Management System, Prototype Designing, Microprocessor, Data Communication Network, Dot Net Technology, Advance web Technology, Software Engineering, Data Mining

PROJECT EXPERIENCE:

Windows Application- Product Line Software (January 2021- March 2021)

Language used Dot Net package in visual studio with windows server SQL storage and using the package for convert data into excel view

Android Applications (April 2020- January 2021)

Developed and designed applications using the UI framework flutter and Dart Programming language for learning new concepts and languages.

Some applications like **Bunk Planner**- Android application to calculate classes to achieve attendance at criteria set by the university based on student existing attendance and total lecture in a week. **Jchats**- Android application to chat with family and friends

Technology using Firebase, Flutter Package, and Dart Language.

Web Application- Seamless Invoicing November 2020-March2021

Developed a Windows Application for Janki Agro-processing

Built a web application as a project for the senior year bachelor's degree in Computer Science and Technology. An application that contains features like generating invoices and tracking all the records of clients and customers as well as a user-friendly interface with the data extraction form and with the facility to export data.

It is built with C# with the .net package and for the database, I used Microsoft Azure SQL and deployed it on the Azure cloud.

https://github.com/neel0903/web_application_seamless_invoicing

Data Mining- Customer Segmentation October 2021- December 2021

Generated a report on customer analysis by using Data Mining techniques.

https://github.com/neel0903/customer_Segmentation

Cloud Computing- February 2022 - March 2022

Developed and deployed a portfolio website on AWS (using AWS Lambda, S3, cloud watch, API gateway, and SES)

Also deployed this website on Google cloud (using cloud function, SendGrid email service, firebase, and storage on the cloud)

NLP (Natural language Processing) - September 2022 - December 2022

Developed and design application for text cleaning, analysis and matching using Tkinter python libraries. For more informations visit below link.

https://github.com/neel0903/NLP_GUI_for_Text_Matching_Analysis_Cleaning

Outlook Email Procesing using NLP

https://github.com/neel0903/NLP_Outlook_Email_Processing

Object Oriented Design and Anlysis - August 2022 - December 2022

Solving a problem of no direct coupling between Observer and subject in Observer pattern using Java Annotations and Reflection API.

https://github.com/neel0903/OOAD_PROJECT_2/tree/project2

And also conduct deep research on Chain of responsibility design pattern.

WORK EXPERIENCE:**Internship - Product-Line Software Developer**

Janki Agro-Processing, Gujarat, India January 2021- May 2021

Responsibilities:

- Analysis of the problem and design of windows software as per requirement modules of the company
- To mitigate risks, apply technical and regulatory knowledge. Lead projects, provide guidance to meet the objectives and plan resource requirements for projects across the Department.
- Develop windows application on the basis of requirement
- Perform software testing with the database provides by the company

ACTIVITIES & INTERESTS

- Complete flutter course on The App Brewery.
- Participated in Code-A-Thon event at Parul University
- Participated in MLH Hackathon season 2020
- Traveling, Hiking, Music, Basketball, Adventures sport