JASH GANDHI

138 University Ave, Lowell, Massachusetts | jashgandhi100@gmail.com | linkedin.com/in/jash-gandhi/ | github.com/Gandhi-Jash

EDUCATION

Master of Science: Sep 2022 – May 2024
University of Massachusetts Lowell – *Computer Science*

Bachelor of Technology: Aug 2016 – May 2020
Ganpat University *– Computer Science & Engineering (Specialization in Big data analytics)*

SKILLS

Programming languages: JavaScript, C#**,** Python, Java
Web Development: AngularJS, VueJS, NodeJS, .Net, HTML, CSS
Database systems: MSSQL, MySQL, DB2, MongoDB, Google Firebase
Cloud platform: Microsoft Azure, AWS

PROFESSIONAL EXPERIENCE

Digital Federal Credit Union – DCU (Chelmsford, Massachusetts, USA) *– Software Developer Intern* May 2023 – Present

- Collaborated with two other developers to work on the front end of the Home Equity Decision project in VueJS and JavaScript to implement components in the front end for seamless user experience and developing a dynamic responsive website.
- Contributed more than 50% to the BOLO Project, handling front-end and back-end development responsibilities.
- Took charge of developing 6 APIs in NodeJS for the BOLO project. These APIs served as the bridge between AWS DynamoDB and the front end of the application, enabling seamless data transfer and retrieval.
- Handled 3/4 modules of the front end for the BOLO project in VueJS and JavaScript to deliver a high-quality user interface that met the project's objectives.
- Researched and brainstormed about different ways to integrate an app or website with MS teams.
- Took the initiative to create a comprehensive in-house DCU Chatbot that seamlessly integrated with MS Teams. The Chatbot was designed with multiple functionalities to cater to diverse user needs, including data and information retrieval as well as user feedback and review.
- Participated in code reviews and documentation for 3 projects to ensure code quality and adherence to best practices.

Sapphire Software Solutions (Ahmedabad, India) *– Software Engineer* Dec 2019 – Aug 2022

- Performed application enhancement and feature implementation for School and University ERP project '**Vidyalaya**'.
- Integration of School/University WhatsApp business account to send alerts and notifications to registered students' contact numbers.
- Enhanced the Biometric Fingerprint reader software integrated with Vidyalaya, used for students and staff attendance by 60% by solving bugs and adding new features.
- Contributed to migrating project 'Vidyalaya' from the .Net framework to Angular.
- Developed the UHF Reader application using WinForms for the integration of RFID UHF Device – RFG-CR33 and prepared a common API infrastructure to process and send the obtained Biometric data to the Vidyalaya software.
- Collaborated with three other developers to implement an Online Learning module in Vidyalaya for COVID to host or schedule lectures on platforms such as Zoom and Google Meet from the software.
- Implemented other functionalities in the Online learning module such as document sharing, grading, and attendance for online lectures, improving the module's performance by 70%.
- Integrated **GrayQuest** payment gateway with Vidyalaya for Fees and other Payments issued by the school.
- Operated on RDLC Reports in Vidyalaya and Crystal Reports in the WinForms applications.
- Served as Technical onboarding lead and POC for five interns.
- Facilitated internal ERP systems through modifications and feature additions in ASP.Net Core.

PROJECTS

- **Smart Personal Finance**
  Using Flutter, Dart, and Google Firebase, Led the development of a cross-platform Mobile application for users to enter and manage daily earnings and expenditures 'smartly' by creating monthly, and semiannual graphs for cash flow visualization.
- **Cricket Shot Detector**
  Trained a system using a Machine Learning algorithm with sample data from different types of cricket strokes and used that trained data to classify and quantify the stroke played in real-time with 90% accuracy.
- **Pothole Detection**
  An Android app that detects potholes on roads based on Accelerometer, Gyroscope, and Magnetometer readings. The app calls an API built in Flask to use the machine learning model generated in Python code to detect a pothole upon encountering one.