MADHAV THAPA

Bachelor Of Computer Engineering, Software Developer
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SUMMARY:

- Worked in entire **Development Life Cycle**, which includes developing and execution of the entire Unit Testing Process.
- Basic knowledge of **Software Development Life Cycle** (SDLC), and Unit Testing Methodologies like Agile, Scrum, Waterfall, and Iterative process.
- Familiar with versioning tools like **Git**.
- Experience on native android apps development with **Java**/**Kotlin**.
- Sound knowledge of MVVM, MVP and MVC architectural pattern.
- Have used cross platform mobile development SDK **Flutter** using **DART** Language and **React Native Framework**.
- Experience in writing **SQL Queries** and PL/SQL scripts.
- Familiar with handling RESTful APIs.
- Have good experience in Networking, Routing and Network Programming acquired during college courses.
- Excellent interpersonal, communication, documentation and presentation skills.
- Basic knowledge of Microsoft SQL Server.
- Ability to work in a fast-paced environment.
- Self-motivated with pleasing personality to work hard, optimistic and enthusiastic.
- Enthusiastic self-starter who contributes well to the team.

TECHNICAL SKILLS:

Programming Languages	**Kotlin, JAVA, DART, JavaScript, SQL, Basic PL SQL, Basic Python, Basic C and C++**
SDK	**Android, Flutter**
Framework	**React, React Native, ASP.NET Core, ASP.NET**
RDBMS (Databases)	**MYSQL, MSSQL**
Query Tools	**SQLite, SSMS**
MS Office	MS Word, MS Excel, MS PowerPoint, MS Outlook

EDUCATION:

- **Bachelors of computer Engineering**, 2019 (Pokhara University) , GPA=3.57
- **Intermediate High School Degree** (+2), 2013 (Bridgewater International High School),Percentile= 76.8%
- **School Leaving Certificate**, 2011(Everest English School), Percentile = 79.875%

ACADEMIC EXPERIENCE:

MINOR PROJECT: Smart Quiz Application   **Feb 2015 – May 2015**
Team Size: 3
Language: C#, ADO.NET
Database: SQLite

Project Goal:

- This project was developed in order to learn and implement basic knowledge and algorithm of Dot Net Framework and learn to use SQL alongside Dot Net framework in order to create a quiz application which helped students test their knowledge regarding different genres.

MINOR PROJECT: Scheduler –Routine Management Application   **May 2017 – June 2017**
Team Size: 3
Language: Java, PHP
Database: MYSQL, Firebase

Project Goal:

- This project aimed to help teachers and students within the college to maintain their routines easily. Giving the teachers easy access to what subjects they have to teach next or what their schedule is for the day and week. Also, for the student it was made to notify what classes are to be expected next in the coming days or for the week.

MINOR PROJECT: Home Automation System using Raspberry Pi and Android   **Aug 2018 – Oct 2018**
Team Size: 3
Language: Dart, Python
Database: Firebase

Project Goal:

- This Project was designed with mind to make home automation systems cheaper that they currently are now. With the help of this system, we have been able to power any electronic equipment, monitor our front door with the help of camera whenever needed, detect an intruder and send a notification whenever there is someone at our door or unlock the door if the face is trained. We also made setup a function to send out a voice message to anyone that may be standing at the front door with the help of speakers and it also works out as home entertainment system being able to play music from our android devices directly onto the speakers connected to the pi.

WORK EXPERIENCE:

Internship – Xylontech Nepal – Sep 2019 – Nov 2019

- Worked as Full Stack Developer
- Worked in React and ASP.NET Core MVC Framework
- Learned about Software Development Life Cycle and working in team

I, the undersigned, certify to the best of my knowledge and belief. This CV correctly describes my qualification and my experiences. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.