

SAAJAN NARAYAN JOSHI

Gwarko, Lalitpur | +977-9849403295 | saajan.n.joshi@gmail.com

Objective

Proactive professional with 3+ years of experience and a proven knowledge of methods and APIs design, research and development, and prototype. Seeking to learn more about data analysis, design patterns, algorithm development, Network design and Software Architecture.

Professional Experience

- **Javra Software (2017 -)**
 - Design and develop a communication module to communicate between systems.
 - Research in platform modules, design patterns and software architecture.
 - Provide solutions for design and logic implementation in projects.
 - Create designs, flowcharts and algorithms for APIs' and methods.
 - Write unit tests for modules.
 - Worked with a client onshore in Netherland on July 2019, migrating current system to SAP platform.
 - Worked in ERP platform developed by JAVRA, implemented several features such as dynamic pagination, charts, rich text editor and stabilizing the platform.
 - Proficient in GIT implementation.
 - Deployment of codes through CI/CD.
 - Create technical and functional document of project.
 - Provide daily updates on the project which includes achievement, obstruction and to-do task discussion.
- **Nepal Wireless (2015)**
 - Volunteered in Nepal Wireless, led by Dr. Mahabir Pun, for Gorkha Wireless Project in December 2015. During the period of volunteering, the team visited several rural areas like Aappipal, Vachek, Bichaur and Dudhpokari. The targeted audience for the wireless network were schools, hospital, police station where the wired link was difficult to established.

Education

Tribhuvan University
B.E., Electronics and Communication (2011-2015)

Lalitpur, Nepal

Whitehouse Higher Secondary School
High School Diploma (2009-2011)

Lalitpur, Nepal

Skills & Abilities

Programming language

- C, C++, C#, Java, JavaScript (React-Native, jQuery), Progress 4gl, Python

Hardware

- Arduino, AVR, 8051 microcontroller, Raspberry Pi, Beagle bone

Leadership

- Work as a team leader for academic projects.
- Volunteered in several workshop conducted in college.
- Represented college at national robotics competition conducted by Robotic Association of Nepal.

Academic Projects

Inventory System | 2016

- An Android application which can add, edit and delete the bag products according to the requirement of seller. The application also keeps track of the stock availability. The application uses SQL server for database management and APIs were created using PHP. Moreover, A receipt thermal printer was used to print the ordered items to the customer using the Bluetooth service. Also, the daily sales report can be viewed according to the date entered.

Wireless Touch Menu card | MAJOR | 2015

- A system for placing an order or two by customer using the touch interface where menus are displayed. The selected orders are transmitted to the kitchen using Wi-Fi module and also to the payment section.

Led Message Board | MINOR | 2015

- Implementation of substitution board using DOT matrix display with 8051 microcontrollers. The board displayed the message send from a mobile application using Bluetooth as communication medium

Achievements

- Bravo Title Winner of Month (June 2019) at Javra Software
- Employee of the month (September 2018) at Javra Software.
- Winner of Football Competition in Sports Week 2071, Sagarmatha Engineering College held from 17th to 23rd May 2014.

Training

- Completed Advanced java at IT Training Nepal.
- Completed AVR training course held from 24th December 2014 to 5th January 2015 at Sagarmatha Engineering College.
- Participated in Arduino Robotics Workshop held at 22nd -23rd December 2012 coordinated by kings college

Reference

Devnarayan Pandey

Technical and Business Development Director

Javra Software

Kumaripati, Lalitpur

E-mail: devnarayan.pandey@javra.com

Contact: +977-9861915506

Ananda Khatiwada

Senior Software Engineer

Javra Software

Kumaripati, Lalitpur

Email: ananda.khatiwada@javra.com

Contact: +977-9849664101