Abim Sedhain

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Education

Asian School of Management and Technology　　　　　　　　　　　November 2015–September 2019
- Bachelor of Information Technology and Management.
- 3.17 Cumulative GPA.
- Coursework included Algorithms and Data Structures, Software Engineering, Structured Programming, Object-Oriented Programming, Probability and Statistics, Computer Organization.

Experience

Software Developer, Eastlink Technology, Tripureshwor, Kathmandu　　　　April 2019 – July 2019
- Involved in developing initial project plans.
- Designed Prototypes and Demos for the clients.
- Added new features and functionality to existing applications; implemented login with Google, Facebook, and Twitter.
- Updated the client through voice and video call on the development process on a weekly basis.

Summer Intern, WebHub Nepal, Kathmandu　　　　　　　　　　　　May 2017 – August 2017
- Worked with senior developers to execute task in a timely manner.
- Managed Custom WordPress Solutions.
- Maintained an active line of communication with clients.

Tutor　　　　　　　　　　　　　　　　　　　　　　　　April 2013 – September 2015
- Tutored students for Computer Science classes; 6 students (Grade 9-10) and 4 students (Grade 11-12)

Projects

COVID-19 Nepal,　　　　　　　　　　　　　　　　　　　　　March 2020–Present
- Collects COVID-19 data from various sources. Primarily Ministry of Heath, Nepal
- Dashboard shows the total number of COVID-19 cases in Nepal with other useful information.
- Used Node.js, Express, MongoDB Atlas, Heroku and Git.

Air Quality Index Twitter Bot,　　　　　　　　　　　　　　　　May 2019–Present
- Development of a Twitter Bot that displays Air Quality of Kathmandu every 5 hours.
- Used of AirVisual API to gather the data.
- Used JavaScript, Node.js, Heroku, Git, and HTML/CSS,

Digital Library OCR Project　　　　　　　　　　　　　　November 2018 – March 2019
- Digital Library for Old Nepali Books
- Used OpenCV to import and scan the images.
- Tesseract OCR then converted images into string and stored in text files.

Recreation Center Management Web Application,　　　　　　　June 2018– September 2018
- Created an Android App to Scan Cards of the Attendees.
- CRUD application that was connected to a SQL Database.
- Used Android, Java, JavaScript, Node.js, Express, Passport.js, and PHP.

Jobs Talent HR Solutions,   March 2018– June 2018
- Collected of Jobs Vacancy from various sites.
- Analyzing and sorting the jobs.
- Designed the web application with database integration.
- Maintained communication with client and management to the timely delivery of the project.

Leadership Experience

Class Representative   November 2015–September 2019
- Managed and coordinated class activities.
- Communicated with Administration about class issues.

Organizer of Intra College Hackathon   Summer 2018
- Collaborated with students and teachers to organized the Intra College Hackathon; Asian Hack, 2018.

Cleaning Campaign   Summer 2016
- Coordinated with faculty and local residents to effectively conduct the cleaning campaign.

Skills

Programming Languages and Libraries
- Java, JavaScript, Python, C, C#, PHP, SQL, No SQL, Vuejs, Matplotlib, Pandas.

Tools/Technologies
- Git, Docker, Android, MySQL, MongoDB, HTML/CSS.