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.
- Design Prototypes and Demos for the clients.
- Conducted code debugging, performed unit testing, and reported issues.
- 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
- Data collection for various in-house project.
- Team member for conducting Programming classes every weekend.
- Conducted Software Testing; Unit Testing, Integration Testing.
- Helped clients navigate through the finished software.

Projects

COVID-19 Nepal, March 2020–Present
- Collection of 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.
- Processed the data and displayed with necessary information.
- Used JavaScript, Node.js, Heroku, Git, and HTML/CSS,

Ma Bolchu (I will talk) December 2019
- Android Application built to help differently abled tourist communicated in Nepali.
- Built as part of a Hackathon with theme of Visit Nepal 2020.
- Used Git for the version control and team collaboration.

Recreation Center Management Web Application, June 2018– September 2018
- Created an Android App to Scan Cards of the Attendees.
- CRUD application that connected to a SQL Database.
- Displayed details of the clients who have scanned their cards.
- Used JavaScript, Java, PHP and Android Studio.

Jobs Talent HR Solutions,   March 2018– June 2018
- Collection of Jobs from various sites using Scraping.
- 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

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 effective conduct the cleaning campaign

Class Representative   November 2015–September 2019
- Managing and coordinator various class activities for teachers and involvement in inter and intra college activities.

Technical Skills

Programming Languages
- JavaScript, Java, Python, C, C#, Python, PHP, Node.js, Vuejs, Mongo, MySQL, Git, Docker.

Libraries/Frameworks
- Node.js, Vuejs, Matplotlib, Pandas. Mongo, MySQL, Git, Docker.

Tools/Technologies
- Git, Docker, Mongo, MySQL, HTML/CSS.