SHIVA ARYAL

Thapathali Campus, Maitighar, Kathmandu, Bagmati 44600 • +9779867104683 • shivaaryalj7@gmail.com • shivaaryal.github.io

PROFESSIONAL SUMMARY

3+ years of professional experience working as full stack software engineer developing web apps and cross platform mobile applications

SKILLS

C, C++, javascript (reactjs, react native, nodejs), mongodb, sql, postgresql, python, deep learning, arduino, embedded system

EDUCATION

Bachelor in Engineering: Electronics and Communication Engineering, 2018
IOE Thapathali Campus – Maitighar, Kathmandu, Nepal

WORK HISTORY

Remote Software Engineer, 06/2020 to present
Siris Technology – Centreville, VA, USA
- Developed various backend projects and deployed them to various platform including heroku and AWS platforms. (nodejs, graphql, mongodb, docker, AWS-ECS, AWS-S3)
- Implemented CI/CD, unit and integration testing in existing company projects(Github action, jest)
- Converted designed wireframes to well-documented fully functioning cross platform mobile apps. (react native, Apollo client)

Remote Web and Mobile App Developer, 09/2019 to 08/2020
- Contributed on full stack development ranging from designing data models, creating and consuming large scale APIs, implementing responsive frontend and cross platform mobile designs, launching mobile app to playstore.
- Integrated video conferencing service capable of hosting 10+ users in a Mobile app using twillio api service
- Developed multi user, user to user chat system feature using firebase real-time messaging
- Implemented secured and reliable payment system with international payment api - Stripe on the existing app

Mid Level Full Stack Mobile Developer, 09/2018 to 07/2019
Thegana Services – Kathmandu, Nepal
- Assimilated geospatial data structures, Google maps and OSM APIs and integrated them in existing projects for new addressing system in Nepal
- Configured multiple firebase services and integrated them in backend applications

Member, 04/2017 to 08/2018
Robotics and Automation Center, Thapathali Campus – Kathmandu, Nepal
- Design and fabricate circuitry for electronics systems according to system requirement.
- Designing, writing codes, testing different algorithms and configuring automated and manual robotic systems.

VOLUNTEER EXPERIENCE

Tutor, 07/2017 to 10/2017
BOSC Foundation Pvt. Ltd. – Kathmandu, Nepal
- Visited 20+ schools in remote parts of Nepal teaching Science related projects to 500+ students.