

SHIVA ARYAL

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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 Mobile Developer, 02/2021 to Present

ParallelDots – Coastal Highway, Lewes, DE, USA

- Developed various mobile apps specially focusing on retail shelf displays to achieve perfect in-store execution ranging from development to its deployment (react native, firebase, socket, java)
- Implemented different libraries like openCV and tensorflowjs for in-app image recognition and blur detection things(native modules)

Remote Software Engineer, 06/2020 to 02/2021

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 twilio 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 secondary level students.

PROJECTS

- ShelfWatch:
<https://play.google.com/store/apps/details?id=com.shelfwatch>
<https://apps.apple.com/ca/app/shelfwatch/id1498946973>
- CIGWA:
<https://play.google.com/store/apps/details?id=com.cigwa>
<https://apps.apple.com/ca/app/cigwa/id1561725052>
- StreetSnap:
<https://play.google.com/store/apps/details?id=com.streetsnap>
- ODIN Shelf Recognition:
<https://apps.apple.com/ca/app/odin-shelf-recognition/id1569661812>
- NepalToday:
<https://play.google.com/store/apps/details?id=com.siristechnology.nepaltodayapp>
- NepalToday Podcast:
<https://play.google.com/store/apps/details?id=com.siristechnology.nepaltodaypodcast>
- Fitsii:
<https://play.google.com/store/apps/details?id=com.fitsii>
<https://apps.apple.com/tr/app/fitsii/id1525109798>
- Thegana:
<https://play.google.com/store/apps/details?id=com.thegana>
<https://apps.apple.com/us/app/thegana/id1460696507>