

# Aarash Shrestha *Full Stack Developer*

✉ aarash@inspiringlab.com.np

☎ (+977)9843760228

📍 Kuleshwor-14, Kathmandu, Nepal

## SKILLS

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### Programming

Javascript, TypeScript, PL/pgSQL

### Database

MySQL, PostgreSQL, MongoDB

### Frameworks

- React JS, Node JS, Express JS, Mantine UI, Material UI
- Bootstrap, Chakra UI, Ant Design, GraphQL, Nest JS
- Next JS, Electron JS, Webpack JS, Google Drive API

### Design Tools

Adobe Photoshop, Adobe Illustrator, Figma

## PROFESSIONAL EXPERIENCE

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2020/03 – Present

### Full Stack Developer

*Inspiring Lab Pvt. Ltd.*

#### Daily Sync

- An AI-powered platform that keeps remote and hybrid teams aligned with asynchronous updates, automated summaries, and actionable insights.
- Technologies Used: React JS, Typescript, Mantine UI, Nest JS, Postgres
- Role: Project Management and Full Stack development

#### QVision

- AI-driven software focused on optimizing workflows, enhancing team collaboration, and accelerating project delivery with efficiency and quality.
- Technologies Used: React JS, Typescript, Python, Bootstrap, Postgres
- Role: Frontend Development

#### Donate Blood

- A platform to keep and search records of blood donors and blood donation campaigns.
- Technologies Used: React JS, Typescript, Material UI, Node JS, Postgres
- Role: Project Management and Full Stack development

#### Particle Hunter

- A software platform that helps manage datasets, label data, and train models for particle sensors of different organizations.
- Technologies Used: React JS, Material UI, Python, PostgreSQL
- Role: Adopt best practices for the frontend and lead the project team

#### Fleet Panda Petroleum Software

- A unified dispatch platform for petroleum distributors.
- Technologies Used: React JS, Typescript, Chakra UI, GraphQL
- Role: Frontend design and development

#### Video Analytics System

- A platform to monitor video feeds and generate/report AI and data-based analytics of IP-based cameras.
- Technologies Used: React JS, Ant Design, Python, Postgres
- Role: Frontend design and development

#### Third Party Logistics Software (3PL)

- Deliver packages to different locations and view the tracking details of those packages by third party logistics management vendors
- Technologies Used: React JS, Material UI, Node JS, PL/pgSQL

- Role: Full Stack development of the system, create functions and views in sequelize, take backup of database and restore them.

#### Pollen Hunter

- Software platform for data collection with labeling, training and evaluation features for dataset preparation.
- Technologies Used: React JS, Material UI, Python, Postgres
- Role: Frontend design implementation, frontend utility to draw annotations in images.

#### Face Recognition System

- Faces that have been detected in real time can be searched with different parameters and send notifications if blacklisted faces are detected.
- Technologies Used: React JS, Ant Design, Python, Postgres
- Role: UI fixes and integrate the system with notification.

#### Examination Record Management System

- Keeps the records of the students enrolled in different courses and publish the result in a website.
- Technologies Used: React JS, Ant Design, Node JS, Postgres
- Role: Frontend design implementation, create a function that exports tables to excel files.

2019/08 – 2020/02

#### **Frontend Engineer**

*Universal IT Solutions*

- Determining the structure and design of web pages
- Building reusable code and libraries for future use
- Collaborating with other team members and clients

2019/03 – 2019/07

#### **Software Programmer**

*Real Time Solutions Pvt. Ltd.*

- Developed an applications for the nepaltenders.com using Google Drive API.
- Assisted senior developer in developing a frontend design for Imja GEOF Early Warning System.
- Implemented MQTT on the backend of Imja GEOF Early Warning System to obtain alerts within couple of seconds
- Created forms for hydrological data.
- Developed a lightning application that displays the places where thundering has occurred within an hour.
- Communicated with the clients and received their feedbacks.

2018/11 – 2019/02

#### **Frontend Intern**

*Real Time Solutions Pvt. Ltd.*

- Researched on JavaScript libraries like Leaflet, Highcharts and Lodash.
- Along with the calculation of overall energy consumed on hourly, daily and monthly basis, designed a frontend to display the calculated data.
- Superficial research on how MQTT works.

2018/09 – 2018/11

#### **Web Designer Intern**

*Pagoda Labs Pvt. Ltd.*

- Designed a web page for Meraki Wellness and Wandering Yatri.

## EDUCATION

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2014/10 – 2018/03

#### **Bachelor of Science in Computer Science and Information Technology**

*Sagarmatha College of Science and Technology, Sanchal*

## REFERENCES

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**Rajeev Bista**, CEO, Inspiring Lab Pvt. Ltd.

rbista@inspiringlab.com.np, (+977)9860034555