



# ROSHAN KUMARA

PANAMULLA ARACHCHIGE ROSHAN

PRABATH SISIRA KUMARA

## PROFILE

Highly motivated and adaptable software engineer with a strong background in Information and Communication Technology. I am skilled in web development and network technology, with hands-on experience in Electron.js, Raspberry Pi, AWS IoT pub/sub, React.js, Express.js, AWS RDS, EC2, and Nginx. I have completed a Bachelor's Degree in Information and Communication Technology (Network Technology) from the Faculty of Technology, University of Sri Jayewardenepura. My expertise lies in computer programming, data structures, and algorithms. I am known for my continuous learning attitude, innovation, and forward-thinking approach. Along with technical prowess, I possess exceptional soft skills in communication, collaboration, empathy, and creativity. Currently, I am seeking a challenging role in software engineering or full stack development field where I can leverage my skills and contribute to cutting-edge projects.

### PHONE NUMBER

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### EMAIL ADDRESS

[rpskumara49@gmail.com](mailto:rpskumara49@gmail.com)

### ADDRESS

"Wasana", Panamulla, Nihiluwa, Beliaththa.

### LANGUAGES

Sinhala ★★★★★

English ★★★

in [Linkedin.com/in/roshankumara](https://www.linkedin.com/in/roshankumara)

f [Facebook.com/Roshan.Pre bath.S.K](https://www.facebook.com/Roshan.Pre bath.S.K)

G [Github.com/RPSKumara](https://github.com/RPSKumara)

## EDUCATION

UNDERGRADUATE IN UNIVERSITY OF SRI JAYEWARDENEPURA

BACHELOR OF INFORMATION AND COMMUNICATION TECHNOLOGY (HON)  
SPECIALIZED IN NETWORKING TECHNOLOGY

MARCH, 2019- MAY, 2023

G.C.E ADVANCED LEVEL ( ENGINEERING TECHNOLOGY )

RAJAPAKSHA CENTRAL COLLEGE WEERAKETIYA

ENGINEERING TECHNOLOGY - B

SCIENCE FOR TECHNOLOGY - B

INFORMATION AND COMMUNICATION TECHNOLOGY - C

2017 - DISTRICT 12

G.C.E ORDINARY LEVEL ( NIHILUWA MAHA VIDYALAYA )

A - 2, B - 5, S - 2

2013

## WORKING EXPERIENCE

SOFTWARE ENGINEER INTERNSHIP

AVION SOLUTION PVT LTD

WORK FROM HOME

JULY, 2022 - FEB, 2023

### PROJECT 01

- Created an Electron.js application for Raspberry Pi to connect with ESP32 boards and open locker doors.
- Used AWS IoT Pub/Sub for communication and an AWS RDS instance to store system data.
- Developed a React.js application and Express.js API for CRUD operations and deployed to AWS EC2 instances.

### PROJECT 02

- Developed a React.js and Firebase web application to showcase products for a client company.
- Created an administrator panel with CRUD operations for internal company users to manage products.
- Used Firebase for authentication and database management, and implemented several dependencies for a visually appealing UI.

### SKILLS

AWS EC2, Nginx, AWS IoT, AWS RDS, ReactJS, ElectronJS, ExpressJS, Firebase, Ubuntu, CentOS, WinSAP, Putty, Figma, GitHub

## PROJECT EXPERIENCE

### Ceylon Models Social Media Project

2023

Role : Full Stack Development, Architect Design

Purpose : Ceylon Models is a web application designed for photographers who want to create and publish their own albums publicly. The application allows photographers to easily upload their images, organize them into albums, and customize the appearance of their albums to suit their preferences.

Technology Stack: ReactJS, Firebase, GitHub

### GetMe Manpower Mobile Application

2022

Role : Full Stack Development

Purpose : In which job seekers can register themselves online and showcase their availability and details about the job type they are offering

Technology Stack : Android, Firebase, GitHub

### Stuck! Social Media Project

2021

Role : Full Stack Development, ER Designer

Purpose : STUCK is a web application / social media for knowledge sharing which connects students, lecturers and demonstrators.

Technology Stack: React, MySQL, ExpressJS, BitBucket

## SKILLS/TOOLS

### Software

Figma	Sourcetree
VS code	Android Studio
Git Bash	Linux
Insomnia	Putty

### Programming Languages

Python	React
AWS Cloud	Node JS
Java Script	MUI
HTML	XML
Firebase	CSS
MySQL	Linux

### HOBBIES

Reading documentation  
Traveling  
PC games  
Music

### VOLUNTEER EXPERIENCE

#### Head Prefect,

Nihiluwa Maha Vidyala 2013

#### Prefect,

Nihiluwa Maha Vidyala 2010 - 2012

#### Traffic Warden,

Nihiluwa Maha Vidyala 2008 - 2010

#### Cricket Team Member,

Nihiluwa Maha Vidyala 2012

#### Member,

Japura FOSS community 2021 - Present

#### Member,

National Youth Cops 2017

#### Member,

Japura Adventure Club 2021

#### Chair person "Roborosiya" event,

Japura Adventure Club 2023

## CERTIFICATE

### Trainee- Full Stack Developer

2022 - Ongoing

University of Moratuwa , DP Education , CODL

Python for Beginners

Web Design for Beginners

Python Programming

Front-End Web Development

### Programming for Everybody

2021

University of Michigan , Cousera

### Python Data Structure

2021

University of Michigan , Cousera

### GIT Training

2022

Simplilearn

### Basic knowledge about JavaScript

2022

Simplilearn

### 2022 Beginner's guide to Cyber Security

2022

Udemy

### Internet of things Foundation Series

2022

AWS training and certification

### Linux Terminal for beginners

2022

Udemy

### The Complete ReactJs Course - Basics to Advanced

2022

Udemy

### Javascript For Beginners - Complete Course

2022

Udemy

## REFEREES

MR. IROSHAN ABERATHNE

Lecturer,

B.Sc. (Hons) (Peradeniya), M.Phil. (Peradeniya),  
MBCS (UK), MIEEE

Email: Iroshan@Sjp.Ac.Lk

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DR. D. L. CHAMARA PRAMOD LIYANAGE

Lecturer,

B.Sc. (Wayamba, Sri Lanka), M.Sc. (Nagaoka,  
Japan), PhD (Nagaoka, Japan)

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## CONSENT

I hereby certify that the above details provided by me are true and accurate to the best of my knowledge.

23/05/2023

Date

Roshan

Signature