

# Madushan Nishantha

---

## Curriculum Vitae

### Contact Info

Full Name Johan Leman Madushan Nishantha Weerawardhana  
Mobile (+94) 71 5593 430  
Email [j.l.madushan@gmail.com](mailto:j.l.madushan@gmail.com) / [madushan@kadira.io](mailto:madushan@kadira.io)  
Linkedin [www.linkedin.com/pub/madushan-nishantha/82/560/578](https://www.linkedin.com/pub/madushan-nishantha/82/560/578)

### About Me

I'm a technology enthusiasts who always seeks for new and interesting technological advancements, which lets me to get in touch with new technologies as soon as they are available.

I love teamwork and I can always adapt to such a environment at ease.

My career goal is to work in the cyber security sector which I think will take the best out of me. I also have experiences in Mobile and Computer software development.

### Education

2011–Now **Bachelor of Engineering (B.Sc.)**, *University of Peradeniya, Sri Lanka*.  
Computer Engineering, Undergraduate

### Experience

10/2015– Present System Administrator at Kadira Inc. – DevOps and System reliability Engineering  
10/2014– Short term technical training at Atrenta Lanka (PVT) LTD – Software Engineering  
03/2015 Intern at GUI team(Qt)

### Technical skills

Cloud Management (AWS, Google Cloud)  
Software Defined Networking (OpenFlow Controllers/Switches)

### Programming skills

Advanced C/C++, Java, Python, JavaScript  
Intermediate Haskell, Common Lisp, Antlr, Perl, Assembly, Rust

*"Samanpaya", Hangamuwa – Ratnapura*

☎ (+94) 71 5593 430 • ✉ [j.l.madushan@gmail.com](mailto:j.l.madushan@gmail.com)

1/2

---

## Kadira Projects

### Improving Organizational Security – with Arunoda Susiripala

Designing and implementing a system to centralize backend (aws/gcloud/etc...) authentication methods (ssh/passwords/etc...) used by Kadira's various projects.

### Meteor Up – with Arunoda Susiripala, Muhammed Thanish

The production quality meteor deployment tool, Meteor Up, which enables developers to deploy their meteor applications to custom Linux servers. A maintainer of this open source project.

---

## Personal Projects

### Porting FirefoxOS (B2G) to HTC Desire HD

Solo project of Porting FirefoxOS aka Boot to Gecko (B2G), to HTC Desire HD smartphone

---

## Academic Projects

### SDN testbed for research and education – University Final Year Project

Low cost Software defined networking testbed built using Raspberry Pi devices for researches and undergraduates.

### Contributing to Firefox for Android – fenek

Few minor code cleanups for Firefox for android

### User level thread library – C

Designing and implementing of context switching library for user level C programs.

### Virtual Memory Management System – OS161

Designing and implementing a Virtual Memory Management System for educational operating system OS161

### Seven Segment Display Decoder for hexadecimal numbers – FPGA

Designing and implementing a decoder for displaying hexadecimal numbers in seven segment displays on Altera DE2 FPGA development board using VHDL.

---

## Interests

- Operating Systems
- Virtualization
- Hiking
- Embedded Designing
- Programming Languages
- Creative Writing

---

## Referees available upon request

*"Samanpaya", Hangamuwa – Ratnapura*

☎ (+94) 71 5593 430 • ✉ [j.l.madushan@gmail.com](mailto:j.l.madushan@gmail.com)

2/2