

# Mohanjith Sudirikku Hannadige

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A multi-talented senior-level back-end developer with over 14 years of experience.

## Work Experience

### Virta Ltd - Senior full stack developer - 2021 - 2021.03

I am part of the Energy services team at Virta. I have been responsible for the site energy metering solution and energy storage management.

### Incsub LLC - Lead developer and system administrator - 2010 - 2021

I was the lead developer for Edublogs and CampusPress services. I was also part of the System Administration team, which was responsible for the stability of all information systems in the company.

### Code Master Oy - Developer / Entrepreneur - 2012 - 2021

Software and web development consultancy business I set up after moving to Finland. In addition to Incsub, I have helped customers who have needed help with their exciting projects.

### Zinglix (Private) Limited - Software Engineer / Entrepreneur - 2008 - 2013

Software engineering consultancy business in Sri Lanka I was running when I was in Sri Lanka.

### WSO2 Inc. - Associate Software Engineer - 2007 - 2008

I was the key developer responsible for wso2.com (corporate) and wso2.org (community) sites. I helped migrate wso2.org to AWS web services with limited services available at the time.

### OrangeHRM Inc. - Associate Software Engineer - 2006 - 2007

I was the 2nd developer to join the team. During my time at OrangeHRM, we developed the first open-source HR solution and real businesses around the world were using it.

## Education

### Bachelors of Law - Open University of Sri Lanka - 2010 - 2012

I completed two years of a four-year degree before moving to Finland.

### Bachelors in Information Technology - University of Colombo School of Computing - 2010

A three-year bachelor's degree in information technology.

## Language Skills

- English - Native speaker
- Sinhala - Native speaker
- Finnish - Intermediate
- Swedish - Beginner

## Awards and Achievements

### International Olympiad in Informatics - Team member - 2005

I was a member of the four-member team representing Sri Lanka.

### Sri Lanka Olympiad in Informatics - 2003 - 2005

2003 - 8th place, 2004 - 5th place, 2005 - 3rd place in the competition. I was a pool member from 2003 - 2005 and participated in algorithm competition training targeted at International Olympiad in Informatics

## Technology Stacks

A shortlist of technology stacks with recent experience. In addition to this, I have dabbled in many more programming languages and technologies; I am a quick learner.

### PHP - 2003 - Present

PHP is my bread and butter. I have been coding in PHP for over 17 years. Most of the code I have written was in PHP.

### Linux - 2004 - Present

I have experience using Linux in production servers as well as a workstation. Compiling kernels, optimising kernels, hardening, patching and compiling libraries and packaging them for distribution.

### Bash / Shell scripting - 2004 - Present

I have written bash scripts to manage deployments, builds and automate tasks. I am familiar with different shells available—their pitfalls and quirks.

### Python - 2006 - Present

I have developed services using CherryPy and Flask. I have also developed AWS Lambda functions using Python.

### WordPress - 2007 - Present

I developed and maintained numerous plugins and themes. I helped maintain multi-million blog networks running on WordPress multisite. I have an in-depth knowledge of WordPress with a focus on speed and reliability.

### Amazon Web Services - 2007 - Present

I was one of the early adopters of Amazon Web Services. I have extensive and in-depth experience with a significant portion of AWS service.

### Shibboleth / SAML - 2012 - Present

I was responsible for configuring white-label service provider configurations, publishing or exchanging metadata with Universities around the world for CampusPress.

### Docker - 2015 - Present

I have experience containerizing services and optimizing containers to achieve faster builds and run times while ensuring service reliability.

### Node.js - 2016 - Present

I have used node.js in developing business-critical services outside of serverless functions. I have an in-depth knowledge of quirks of node.js and a good handle of programming patterns needed in node.js.

### Serverless + React - 2017 - Present

I have worked extensively with Serverless and react frameworks on multiple projects. I have developed and maintained business-critical Serverless functions handling several millions of messages and API requests a day.

### Twilio - 2017 - Present

I have used Twilio to build IVR and SMS applications with a focus on privacy and user experience.

### Kubernetes - 2017 - Present

I researched and developed tooling for deploying WordPress multisite networks in autoscaling Kubernetes clusters as part of my work.