

An accomplished, self-motivated, creative, and hardworking individual with over 7 years of work experience as a Full Stack Software Engineer.

- Specialized in Object-Oriented Design and Analysis with extensive experience in full life cycle of the software design process including requirements definition, prototyping, proof of concept, interface implementation, testing and maintenance.
- Productive in both team-based and self-managed projects with excellent communication skills and having a commercial approach in problem-solving.
- Pursued higher studies in Computer Science at EIT in Napier, New Zealand and University of Peradeniya in Sri Lanka with a long-term career goal of becoming a Software Architect.

< EMPLOYMENT HISTORY />

August 2022 – Present

MONTOUX, WELLINGTON, NZ

SENIOR SOFTWARE ENGINEER

(TypeScript, NodeJS, Python, Generative AI, AWS, Weaviate, LangChain, Terraform, Terragrunt Microsystems, React, Django, GraphQL, REST API, GIT, CI/CD, JEST, PYTEST, Bash,...)

Role Details:

- Building Generative AI solutions to solve actuarial science problems.
- API architecture and implementation
- Technical decision making and implementation
- UI/UX design and development
- Microsystems Design and development
- Historical Data management and Representations.
- Research and Development.
- Support and Maintenance.
- Mentoring/Managing Junior staff and Knowledge sharing

November 2019 – August 2022

FINGERMARK LTD, HAVELOCK NORTH, NZ

SENIOR SOFTWARE ENGINEER

(NodeJS, JavaScript, Python, Microsystems, React, GraphQL, REST API, AWS, PostgreSQL, Bitbucket, GIT, Terraform, Terragrunt, Atlassian Confluence, CI/CD, JEST, Bash, RabbitMQ ...)

Role Details:

- Technical decision making and implementation
- API architecture and implementation
- UI/UX design and development
- Microsystems Design and development
- Historical Data management and Representations.
- Research and Development.
- Architecting and implementing Software pieces to help with the Computer vision applications.
- Support and Maintenance.

DAN MAHAVITHANA

**SENIOR FULL STACK
DEVELOPER**

< GET IN TOUCH />

📞 0211518670

✉ mahathun.online@gmail.com

📘 facebook.com/mahathun

🌐 www.danmahavithana.com

🌐 linkedin.com/in/dan-mahavithana

🐙 <https://github.com/mahathun>

< SKILLS />

- TypeScript
- JavaScript
- jQuery
- PHP
- MySQL
- HTML
- CSS
- GULP/GRUNT
- SASS
- WORDPRESS
- D3 TOOLKIT
- GraphQL
- AWS
- HEROKU
- NodeJS
- PYTHON
- MongoDB
- AGILE
- JSX
- BOOTSTRAP
- ReactJS
- ReactNative
- Terragrunt
- Terraform
- Python
- GIT
- SaaS
- ES6
- ERP
- Android
- Crossfilter
- AJAX
- CONFLUENCE
- TRELLO
- WPEngine
- ASP.NET
- MVC
- AngularJS
- TDD/BDD
- Windows/UNIX

March 2017 – November 2019**NZ DIGITAL, NAPIER, NZ****INTERMEDIATE SOFTWARE DEVELOPER**

(NodeJS, JavaScript, React, AngularJS, MongoDB, GraphQL, AWS, Heroku, Bitbucket, PHP, MySQL, GIT, WordPress, Shopify, jQuery, HTML, CSS, WPEngine, Atlassian Confluence, Trello Boards)

Role Details:

- Developing websites and Web Applications within tight deadlines in various languages and platforms.
- Requirements Gathering and Project Scoping
- WordPress customizations, Theme and Plugin Development.
- Testing and Debugging.
- Support and Maintenance.
- SEO friendly responsive development.
- Providing support and guidance for junior members

November 2016 – March 2017**CASTLENET NZ, WELINGTON, NZ****PHP AND WORDPRESS DEVELOPER**

(PHP, MySQL, GIT, WordPress, Moodle, WordPress/Moodle Plugin Development, JavaScript, AJAX, jQuery, HTML, CSS, WPEngine, Atlassian Confluence, Trello Boards)

Role Details:

- Developing functions for WordPress website. (eSocSci- a project by Massey University, New Zealand & Tack Up - an e-commerce solution for a saddlery & feed shop in Levin)
- Building and Customizing WordPress Plugins.
- Testing and Debugging.
- Support and Maintenance.
- Knowledge sharing.

January 2015 – July 2015**BILEETA (PVT) LTD, SRI LANKA****SOFTWARE ENGINEER**

(MVC, ASP.NET, JavaScript, AJAX, jQuery, C#, HTML, CSS)

Role Details:

- Developed functions for cloud-based ERP system (ENTUTION).
- Planned and implemented new features to the system.
- Bug fixing.
- Unit Testing.

< **ACHIEVEMENTS** />

- Awarded as the Most Valuable Person(MVP) to the company for my hard work and dedication at NZDigital. – (2018)
- Recognised and appreciated as one of the best employees during my probation period (for the first time in company history) at Bileeta Pvt Ltd – (2015)
- Given a special recognition by the Vice Chancellor of University of Peradeniya for my hard work during my work there as an assistant web developer –(2013-2014)
- Honoured to receive the 1st place at the Computer quiz competition organized by the Kingswood computer club – (2004)
- Awarded 6th place in Provincial Education Software Competition for Schools conducted jointly by SEMP & Microsoft Sri Lanka(Pvt)Limited

< **OTHER CERTIFICATES** />

- Certificate of participation to THE PIONEER Career Guidance Workshop organized by the Computer Society, University of Peradeniya.
- Certificate for the contribution done as a volunteer Census Officer at the enumeration stage of the 14th Census of Population and Housing of Sri Lanka conducted by the Department of Census and Statistics.
- Successfully completed the Future kids Schools Technology Curriculum with a Distinction conducted by the Informatics Information Systems(Pvt)Limited

September 2013 – December 2014
UNIVERSITY OF PERADENIYA, SRI LANKA
ASSISTANT WEB DEVELOPER

(PHP, JavaScript, jQuery, AJAX, HTML, CDD, MySQL, Bootstrap, D3, Crossfilter, Wordpress)

Role Details:

- One of the leading members of the Dev. Team involved
- developing the University main web site (www.pdn.ac.lk).
- Developed many other University related web projects.
- Developed and maintained the iPURSE 2014(Peradeniya University Research Session) web site ([iPURSE](#)) and it's IT systems.
- Researched, analyzed and delivered information from various interaction groups to help the university to develop new strategies relating to its digital presence.

< ACADEMIC ACHIEVEMENTS />

July 2015 – July 2016
EASTERN INSTITUTE OF TECHNOLOGY (EIT) –
NAPIER NEW ZEALAND
POSTGRADUATE DIPLOMA IN INFORMATION
TECHNOLOGY (LEVEL 8)

2009 – 2013
UNIVERSITY OF PERADENIYA, SRI LANKA
B.SC. HONS. IN SCIENCE (2ND CLASS HONORS LOWER)

2011
UNIVERSITY OF PERADENIYA, SRI LANKA
COMPLETED THE CERTIFICATE TEST IN ENGLISH

2008 – 2009
9 INFORTEC INTERNATIONAL INSTITUTE OF
TECHNOLOGY, SRI LANKA
HIGHER DIPLOMA IN COMPUTER SCIENCE –
PROGRAMMING

2002
INFORMATICS INFORMATION SYSTEMS (PVT)
LIMITED, SRI LANKA
COMPLETED THE FUTURE KIDS SCHOOLS
TECHNOLOGY CURRICULUM
WITH A DISTINCTION

< REFERENCES />

GIVEN UPON REQUEST

< GET IN TOUCH />

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 mahathun.online@gmail.com

 facebook.com/mahathun

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DEVELOPER