

Pasindu .K

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EDUCATION

MTU

PH.D IN COMPUTER SCIENCE
Oct 2019 - Dec 2024 | Ireland 🇮🇪

THAMMASAT UNIVERSITY

MSC IN COMPUTER SCIENCE
Aug 2016 - Dec 2018 | Thailand 🇹🇭

SLIIT

BSC COMPUTER SYSTEMS AND NETWORKING
Jan 2012 - Nov 2015 | Sri Lanka 🇱🇰

LINKS

Website:// kingalawaka.com
Github:// [KingAlawaka](https://github.com/KingAlawaka)
LinkedIn:// [pasindumanisha](https://www.linkedin.com/in/pasindumanisha)
Stackoverflow:// [king-alawaka](https://stackoverflow.com/users/1041441/king-alawaka)
Blockchain Project:// [smallchains](https://smallchains.com)
NFT Project:// [Digital Twin NFT](https://digitaltwin.nft)
Research Gate:// [Pasindu K](https://www.researchgate.net/profile/Pasindu-K)

PUBLICATION LINKS

Digital Twin Architecture
Digital Twin Trust Analyzer
Composite Digital Twins
Digital Twin NFT
Corner point Detection

ABOUT ME

In spare time, travelling to other countries has become a passion, with 41 countries explored. Also, privileged to live in four countries, fostering adaptability and cultural immersion while building connections. This exposure hones the ability to quickly adapt to new environments and collaborate effectively across diverse backgrounds. Enthusiasm extends to hackathons and competitions, offering valuable experience in emerging technologies, expanding the professional network, and eagerly absorbing insights from peers.



EXPERIENCE

NIMBUS RESEARCH CENTER | RESEARCHER

Sep 2019 - Present | Cork, Ireland 🇮🇪

Research trust and security challenges in connecting multiple Digital Twins and propose an architecture to address them. As part of the research, the developed trust and reputation model achieved over 90% accuracy in detecting malicious Digital Twin behaviours within a collaborative ecosystem.

MTU | CASUAL LECTURER

Sep 2019 - Present | Cork, Ireland 🇮🇪

Deliver lectures to undergraduate students and support them to excel in academics and socially. Preparing assignments and exams to evaluate academic progress by understanding learning objectives.

ANALOG DEVICES | INDUSTRIAL PH.D STUDENT INTERN

May 2021 - Aug 2021 | Cork, Ireland 🇮🇪

Researched digital twins and blockchain at Analog Devices for intelligent buildings, emphasizing operational improvement potential. Collaborated with experts on proof-of-concept solutions and analyzed security and privacy implications, contributing to innovative and sustainable building solutions.

FUJITSU | INTERN MIDDLEWARE SERVICES

May 2019 - Jun 2019 | Tokyo, Japan 🇯🇵

Developed blockchain solutions across industries, prioritizing security and operational efficiency. Tasks encompassed smart contract creation, blockchain network management, and technology integration. Collaborated with teams to align solutions with client business objectives, contributing to Fujitsu's success in this dynamic field.

N-ABLE | BIG DATA ANALYTICS ENGINEER

Jan 2016 - Jul 2016 | Colombo, Sri Lanka 🇱🇰

Design and develop data pipelines, analyse data and collaborate with cross-functional teams to enhance business outcomes. Pre-sales work to demonstrate company capabilities and showcase insight driven decision making for clients.

DEVIL GAMES | CEO AND FOUNDER

Jan 2013 - Jul 2014 | Colombo, Sri Lanka 🇱🇰

Casual mobile game development company with an ambitious plan to redefine location based gaming. Managed to win the National Games Award at Microsoft Imagine Cup 2013.

FIDENZ TECHNOLOGIES | ASSOCIATE SOFTWARE ENGINEER

May 2013 - Jul 2014 | Colombo, Sri Lanka 🇱🇰

As a second year student to get more experience in the industry joined as an associate software engineer. Hands on experience in many aspects of software development, from ideation with clients to delivering the products.

AWARDS

2013	National Games Winner	Microsoft Imagine Cup
2014	3 rd Place	Dell Power Pitch
2015	Finalist	Kuwait Technopreneurship Challenge
2023	2 nd Place NFT Category	Polkadot Europe Hackathon