



## Contact

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### Github

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### LinkedIn

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## Education

2021-2025

### BSc (Hons.) in Information

### Technology

University of Moratuwa

2019-2020

### Diploma in Ethical Hacking

NextGen Campus Nugegoda

## Language

**Sinhala** - Native

**English** - Professional Working Proficiency

# Hansa Jayathilaka

## Software Engineer

With 6 years of experience in software engineering, I specialize in backend development and DevOps, proficient in Python and JavaScript on both Windows and Linux. I build scalable solutions, optimize systems, and automate processes for efficiency. Focused on innovation, I drive impactful results and enhance team success.

## Experience

### Software Engineer [2024 July - Present] jahan.ai | Melbourne, Victoria [Remote]

- Full-stack development with Django with Webix (UI) & NestJs with NextJs
- Automating CI/CD with GitHub Actions & Azure DevOps & GCP Cloud Build
- Deploying and managing systems on GCP
- Implementing secure authentication, authorization and promotion based application

### Associate Software Engineer [2024 January - 2024 June] [University Training Period] ICP Techno | Sri Jayawardenepura Kotte [On-site]

- Developed scalable backend services with NestJS
- Designed secure, high-performance RESTful APIs
- Optimized performance and deployment with Docker
- Built CI/CD pipelines using Azure DevOps
- Managed cloud services on Azure

### Software Developer [2019 September - 2023 December] Crede Technologies | Canada [Hybrid]

- Built a telehealth video conferencing app with Agora
- Developed a full-stack health portal with Django and PostgreSQL
- Created a survey system using .NET WebForms and SQL Server
- Developed scalable and secure APIs
- Built blockchain solutions with Ethereum, Polygon, Indy, and IPFS
- Deployed and managed Django and Odoo on cloud servers

## Expertise

**Language:** Python, JavaScript, Solidity, C#

**Frameworks:** NestJS, Django, .NET Web API

**Server Management:** Linux, Nginx, Apache

**CI/CD:** GitHub Workflow, Azure DevOps

**Blockchain:** Ethereum, Polygon, IPFS

**Databases:** PostgreSQL, SQL Server, MongoDB

**Containerization:** Docker

**Version Control:** Git, SVN

**IaC:** Terraform

**Monitoring:** Datadog, Dynatrace

**Cloud Platforms:** GCP, Azure

## Publications

"Enhancing Regulatory Compliances and Efficiency of Decentralized Equity Investment Platforms—A Critical Evaluation"

**ICTIS 2025, Thailand** [https://link.springer.com/chapter/10.1007/978-981-96-9275-0\\_44](https://link.springer.com/chapter/10.1007/978-981-96-9275-0_44)

## Reference

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Crede Technologies

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Dijital Team

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