



## Contact

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### Github

<https://github.com/hansajayathilaka>

### LinkedIn

[www.linkedin.com/in/hansa-jayathilaka](https://www.linkedin.com/in/hansa-jayathilaka)

## 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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### Shalitha Senanayaka

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Dijital Team

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