



# Ashen Thilakarathna

Web Developer

## Contact

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## About Me

I'm a Full-Stack Developer and Blockchain Developer based in Colombo, Sri Lanka. Currently, I'm a Computer Science undergraduate at the University of Peradeniya. My primary focus areas include blockchain development and machine learning/deep learning (ML/DL). I regularly write about these topics on my Medium blog, sharing insights and exploring new advancements in the field. I'm actively seeking an internship opportunity to further develop my skills and contribute to innovative projects.



<https://asheint.me>

[github.com/asheint](https://github.com/asheint)

[linkedin.com/in/asheint](https://www.linkedin.com/in/asheint)

[medium.com/@asheint](https://medium.com/@asheint)

## Education

### BSc in Computer Science

University of Peradeniya - Sri Lanka

Expected Graduation: [May, 2025]

- Currently pursuing a degree in Computer Science and Physics. Gained proficiency in programming languages such as C, Java, and Python.
- Completed projects in Graphics (OpenGL, C++), Web Development (Group Project), and Database Management Systems.
- Relevant coursework includes Web Programming, Computer Architecture, Data Structures, Artificial Intelligence, and Server-Side Web Programming.

### GCE Advanced Level - Physical Science Stream

D. S. Senanayake College - Colombo 07

[2017 - 2019]

- Achieved a Z-Score of 1.3224 with grades in Physics (B), Chemistry (B), Combined Mathematics (C), and General English (B).

## Experience

### Group Project: Order & Event Management System for Studio Senura Seya

[2024]

- Developed a full-stack web application using Next.js (frontend), Spring Boot (backend), and MySQL (database).
- Implemented features like event scheduling, order tracking, and user authentication.
- Collaborated with a team to ensure seamless integration and delivery of the project.

### Quality Checker (QC)

E A M Maliban Textiles (Pvt) Ltd - Ingiriya

[2020 (6 Months)]

- Worked as a Quality Checker in the textiles industry, ensuring products met quality standards and specifications.
- Developed strong attention to detail, problem-solving skills, and the ability to work efficiently in a team-oriented environment.
- This experience helped me build a foundation in professionalism and adaptability, which I apply in my technical projects today.

### Web Development Team Member

Rotaract Club of University of Peradeniya

[2021 - 2022]

- Worked as part of the web development team, managing and maintaining the club's WordPress blog (blog.rotaractpera.org).
- Gained hands-on experience with WordPress, including theme customization, plugin management, and content updates.
- Collaborated with the team to ensure the blog's functionality and user experience were optimized.

### Website Owner & Content Creator

AI-Powered Buy (aipoweredbuy.com)

[2024 - Present]

- Own and manage a WordPress-based website focused on product reviews and AI-powered buying guides.
- Responsible for website design, content creation, SEO optimization, and plugin integration.
- Regularly publish articles and reviews, leveraging WordPress tools to enhance user engagement and site performance.



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## Skills

- **Programming Languages:** Go, Rust, Python, Solidity, C, C++, Java, JavaScript, TypeScript
- **Web Development:** Full Stack Development, RESTful APIs, Frontend Frameworks (Next.js, Spring Boot)
- **WordPress Skills:** Theme Customization, Plugin Management, SEO Optimization, Content Management
- **Blockchain Technologies:** Smart Contracts, Ethereum Protocol, Solana Development
- **Machine Learning & AI:** TensorFlow, PyTorch, CNNs/RNNs, NLP, Generative AI (GANs, Transformers), Supervised/Unsupervised Learning, Model Optimization
- **Tools & Frameworks:** Hardhat, Ganache, Metamask, WordPress
- **Research & Development:** Cryptography, Cybersecurity, Distributed Systems, Neural Architecture Design
- **Soft Skills:** Strong communication, Team collaboration, Problem-solving, Adaptability



## Courses & Certifications

### Current Web3 Courses

#### Self-Paced Learning

[2023 - Present]

- ✓ Blockchain Basics
- ✓ Solidity Smart Contract Development
- 🕒 Foundry Fundamentals
- 🕒 Chainlink Fundamentals
- 🕒 Solana Developer Bootcamp 2024 - Learn Blockchain and Full Stack Web3 Development
- 🕒 Metana | Tech Bootcamps - A Deep Dive into Uniswap V4

### Other Relevant Courses

#### Self-Paced Learning

[2023 - Present]

- ✓ JavaScript Essentials 1 (**Cisco Lab**)
- ✓ Databases with Python: MySQL, SQLite & MongoDB (**Udemy**)
- ✓ Google Arcade Facilitator Program



Certificates available on my [LinkedIn Profile](#)



## Extracurricular Activities

### University Hockey Team Player

#### University of Peradeniya

[2021 - Present]

- Actively participating as a player in the university hockey team, showcasing teamwork, discipline, and leadership on the field..

### School Hockey Team Player

#### D. S. Senanayake College - Colombo 07

[2011 - 2015]

- Played for the school hockey team, developing strong teamwork and sportsmanship skills.

### Co-Director of Public Relations (2022/23)

#### Rotaract Club of University of Peradeniya

- Managed public relations and communication strategies for the club, enhancing its visibility and engagement with the community.

### Joint Secretary (2023/24)

#### Rotaract Club of University of Peradeniya

- Oversaw administrative duties, organized events, and ensured smooth operations of the club.