DEVELOPMENT OF BLOCKCHAIN-BASED WEB APPLICATION TO IMPROVE
RAW MATERIAL SUPPLY CHAIN TRACEABILITY: CASE OF STINGRAY LEATHERCRAFT

Page 123 of 127

REFERENCES

About [WWW Document], n.d. . Node.js. URL https://nodejs.org/en/about (accessed 5.26.23).

Adam, John, 2020. The React Framework (library) – A Brief Overview. URL https://kruschecompany.com/react-framework-library/ (accessed 7.18.23).

Agrawal, Tarun Kumar, Kumar, Vijay, Pal, Rudrajeet, Wang, Lichuan, Chen, Yan, 2021. Blockchain-based framework for supply chain traceability: A case example of textile and clothing industry. Computers & Industrial Engineering 154, 107130. https://doi.org/10.1016/j.cie.2021.107130

Beamon, Benita M., 1998. Supply chain design and analysis:: Models and methods. International Journal of Production Economics 55, 281–294. https://doi.org/10.1016/S0925-5273(98)00079-6

Bencic, Federico Matteo, Skocir, Payle, Zarko, Ivana Podnar, 2019. DL-Tags: DLT and Smart Tags for Decentralized, Privacy-Preserving, and Verifiable Supply Chain Management. IEEE Access 7, 46198–46209. https://doi.org/10.1109/ACCESS.2019.2909170

Blocks [WWW Document], n.d. . ethereum.org. URL https://ethereum.org (accessed 6.6.23).

Buterin, Vitalik, n.d. Ethereum: A Next-Generation Smart Contract and Decentralized Application Platform. 36.

Crypto.com, n.d. What Are Bitcoin Layer-2s and How Do They Work? [WWW Document]. URL https://crypto.com/university/what-are-bitcoin-layer-2s (accessed 7.17.23).

Developers are having dismal experience building on Cardano - Developers / Plutus Talk [WWW Document], 2022. . Cardano Forum. URL https://forum.cardano.org/t/developers-are-having-dismal-experience-building-on-cardano/110080 (accessed 7.14.23).

Documentation for Visual Studio Code [WWW Document], n.d. URL https://code.visualstudio.com/docs (accessed 5.26.23).

DEVELOPMENT OF BLOCKCHAIN-BASED WEB APPLICATION TO IMPROVE
RAW MATERIAL SUPPLY CHAIN TRACEABILITY: CASE OF STINGRAY LEATHERCRAFT

Page 124 of 127

Documentation [WWW Document], n.d. URL https://docs.ethers.org/v5/ (accessed 5.26.23).

Enterprise on Ethereum Mainnet [WWW Document], n.d. . ethereum.org. URL https://ethereum.org (accessed 7.15.23).

Ethereum Virtual Machine (EVM) [WWW Document], n.d. . ethereum.org. URL https://ethereum.org (accessed 5.26.23).

Frozen Stingray global exports and top exporters 2023 [WWW Document], n.d. . Tridge. URL https://www.tridge.com/intelligences/stingray/export (accessed 6.14.23).

Gas and fees [WWW Document], n.d. . ethereum.org. URL https://ethereum.org (accessed 5.26.23).

Getting Started – React [WWW Document], n.d. URL https://legacy.reactjs.org/docs/getting-started.html (accessed 5.26.23).

Getting started with Hardhat | Ethereum development environment for professionals by Nomic Foundation [WWW Document], n.d. URL https://hardhat.org (accessed 5.26.23).

Gracietti, Marcelo, n.d. Council Post: Stellar Versus Ethereum: Four Key Differences To Know [WWW Document]. Forbes. URL https://www.forbes.com/sites/forbestechcouncil/2022/01/19/stellar-versus-ethereum-four-key-differences-to-know/ (accessed 7.14.23).

Hewa, Tharaka Mawanane, Hu, Yining, Liyanage, Madhusanka, Kanhare, Salil S., Ylianttila, Mika, 2021. Survey on Blockchain-Based Smart Contracts: Technical Aspects and Future Research. IEEE Access 9, 87643–87662. https://doi.org/10.1109/ACCESS.2021.3068178

History and Forks of Ethereum [WWW Document], n.d. . ethereum.org. URL https://ethereum.org (accessed 7.15.23).

ImmuneBytes, 2022. Mainnet Vs Testnet: What's the Difference? URL https://www.immunebytes.com/blog/mainnet-vs-testnet-in-blockchain/, https://www.immunebytes.com/blog/mainnet-vs-testnet-in-blockchain/ (accessed 6.14.23).

Indonesia Frozen Stingray market overview 2023 [WWW Document], n.d. . Tridge. URL https://www.tridge.com/intelligences/stingray/ID (accessed 9.26.22).

DEVELOPMENT OF BLOCKCHAIN-BASED WEB APPLICATION TO IMPROVE
RAW MATERIAL SUPPLY CHAIN TRACEABILITY: CASE OF STINGRAY LEATHERCRAFT

Page 125 of 127

Karthikeyan, R., Babu, N.K.Chandra, Mandal, A.B., Sehgal, P.K., n.d. SOFT
LEATHERS FROM HIMANTURA STINGRAY SKINS 7.

Kushwaha, Satpal Singh, Joshi, Sandeep, Singh, Dilbag, Kaur, Manjit, Lee, Heung-
No, 2022. Ethereum Smart Contract Analysis Tools: A Systematic Review. IEEE
Access 10, 57037–57062. https://doi.org/10.1109/ACCESS.2022.3169902

Lahami, Mariam, Maalej, Afef, Krichen, Moez, Hammami, Mohamed, 2022. A
Comprehensive Review of Testing Blockchain Oriented Software:, in:
Proceedings of the 17th International Conference on Evaluation of Novel
Approaches to Software Engineering. Presented at the 17th International
Conference on Evaluation of Novel Approaches to Software Engineering,
SCITEPRESS - Science and Technology Publications, Online Streaming, ---
Select a Country ---, pp. 355–362. https://doi.org/10.5220/0011042800003176

Lal, Chhagan, Marijan, Dusica, 2021. Blockchain Testing: Challenges, Techniques,
and Research Directions.

Layer 2 [WWW Document], n.d. . ethereum.org. URL https://ethereum.org (accessed
7.17.23).

Liang, Ying-Chang , 2020. Blockchain for Dynamic Spectrum Management, in:
Dynamic Spectrum Management, Signals and Communication Technology.
Springer Singapore, Singapore, pp. 121–146. https://doi.org/10.1007/978-981-15-
0776-2_5

Mandilaris, Kostas, 2021. Maftei Shoes Review: Handmade Stingray Leather
Wholecut Shoes. Misiu Academy. URL https://www.misiuacademy.com/maftei-
shoes-stingray-wholecut-review/ (accessed 5.26.23).

Networks [WWW Document], n.d. . ethereum.org. URL https://ethereum.org
(accessed 5.26.23).

Omar, Ilhaam A., Jayaraman, Raja, Debe, Mazin S., Hasan, Haya R., Salah, Khaled,
Omar, Mohammed, 2022. Supply Chain Inventory Sharing Using Ethereum
Blockchain and Smart Contracts. IEEE Access 10, 2345–2356.
https://doi.org/10.1109/ACCESS.2021.3139829

Polkadot vs. Ethereum · Polkadot Wiki [WWW Document], 2023. URL
https://wiki.polkadot.network/docs/learn-comparisons-ethereum-2 (accessed
7.14.23).

DEVELOPMENT OF BLOCKCHAIN-BASED WEB APPLICATION TO IMPROVE
RAW MATERIAL SUPPLY CHAIN TRACEABILITY: CASE OF STINGRAY LEATHERCRAFT

Page 126 of 127

Raza, Ali, 2023. Cosmos Vs. Ethereum – What's the Difference? [WWW Document].

URL https://www.securities.io/cosmos-vs-ethereum/ (accessed 7.14.23).

Salah, Khaled, Nizamuddin, Nishara, Jayaraman, Raja, Omar, Mohammed, 2019.

Blockchain-Based Soybean Traceability in Agricultural Supply Chain. IEEE

Access 7, 73295–73305. https://doi.org/10.1109/ACCESS.2019.2918000

Takyar, Akash, 2022. Comparison of blockchain protocols [WWW Document].

LeewayHertz - AI Development Company. URL

https://www.leewayhertz.com/comparison-of-blockchain-protocols/ (accessed

6.14.23).

The quality of stingray leather - [WWW Document], n.d. . Casanova1948. URL

https://casanova1948.com/en/blog/guides-and-tips/the-quality-of-stingray-leather

(accessed 5.26.23).

Transactions [WWW Document], n.d. . ethereum.org. URL https://ethereum.org

(accessed 6.6.23).

Trautman, Erik, 2020. NEAR MainNet is now Community-Operated [WWW

Document]. NEAR Protocol. URL https://pages.near.org/blog/near-mainnet-is-

now-community-operated/ (accessed 7.15.23).

Zheng, Zibin, Xie, Shaoan, Dai, Hong Ning, Chen, Xiangping, Wang, Huaimin, 2018.

Blockchain challenges and opportunities: a survey. IJWGS 14, 352.

https://doi.org/10.1504/IJWGS.2018.095647

DEVELOPMENT OF BLOCKCHAIN-BASED WEB APPLICATION TO IMPROVE
RAW MATERIAL SUPPLY CHAIN TRACEABILITY: CASE OF STINGRAY LEATHERCRAFT

Page 127 of 127

CURRICULUM VITAE

DANIEL AMAZIA

Work Experience

October 2020 - February 2021

Internship at Intellivent Indonesia

Collaborate with project managers and team leads, implementing solutions with frontend and backend developers, building new features, developing APIs, verifying code quality, and fixing bugs on web projects. Gains hands-on experience in full-stack development.

March 2022 - July 2022

Internship at Intellivent Indonesia

Work closely with project managers and team leads, assisting in change request functions. Collaborate with frontend and backend developers to implement new features, develop APIs, ensure code quality, and resolve bugs on web projects. Gained hands-on experience in CI/CD workflows using GitHub Actions, further enhancing their skills in project management, full-stack development, and problem-solving within a dynamic environment.

Technologies

- Postman
- MySQL
- React
- Ethereum
- Git
- PostgreSQL
- Flutter
- Node JS
- MongoDB
- Android
- Docker
- SurrealDB
- IOS

Programming Language

- C
- Java
- C++
- Javascript
- R
- Typescript
- Python
- Bash

Operating System

- Windows
- Linux (Ubuntu)

Contact

Phone
+62 821 247 999 37

Email
danielamazia@gmail.com

Address
Jl. Rajawali Selatan I
Jakarta Utara

Education

2016 - 2019
Senior High School
SMK Kanaan Multimedia

2019 - 2023
University
Swiss German University

Language

Bahasa ●●●●
English ●●●○
Deutsch ●●○○