

# Anderson Wada

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## Professional Summary:

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Anderson is a software engineer and he loves work with talented guys and build excellent thing.

Proficient:

web2 - MERN, LAMP, Devops, Server administrator

web3 - Solidity, Truffle, Hardhat, Web3.js, Ether.js

## Technical Skills:

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**Operating System:** RHE Linux, SUN Solaris, IBM AIX, Ubuntu, Windows, Mac

**Languages:** C, C++, C#, Core Java, PHP, JavaScript, Python

**Blockchain Development:** DApps, Solidity, Web3.js, Truffle, Ethereum, Mist, Metamask, Remix IDE, Cryptocurrencies

**Cryptography:** Public key encryption, private key encryption, Hashing, Digital Signature

**Web Technologies:** HTML, CSS, Bootstrap, JQuery, Json, Node.js, React.js, Vue.js

**Mobile Development:** React Native, Flutter,

**Scripting:** Python and UNIX Shell Scripting,

**Scraping:** Python, Selenium,

**Databases:** Oracle, Microsoft SQL Server, IBM DB2, SQLite

**OOAD:** UML, Design Patterns

**Debugging Tools:** gdb, dbx, pdb

**Code analysis Tools:** Source Navigator, Open Grok, cppCheck, Coverity

**Tools:** Make, DSS, ANT, Docker, Kubernetes

**Bug Tracking tools:** Clear Quest, Jira

**Configuration Management tools:** CVS, SVN, git/GitHub

**Design Tools:** Microsoft Visio, Eclipse Plugins

**XML Parsing tool:** Xerces

**Libraries:** STL, threads, C++11, sockets, smart pointers, numpy, matplotlib, Django

## Education:

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- **2012 – 2015 Nagoya University**  
3 A Levels – Computer Science (A), Software engineering (A), Maths (A)  
BE – Bachelor of Engineering

## Employment History:

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### Uneksija

*Full stack developer,*

*APR 2021 – Present*

- Developed new RESTful API services that work as a middleware between our application and third-party APIs that we will use using Laravel.
- Experience writing data APIs and multi-server applications to meet product needs using Laravel.
- Integrated Jenkins to git where the build triggers automatically when we push a pull request for CI/CD.
- Worked on CI/CD tool Jenkins to automate the build process from version control tool into testing and production environment.
- Containerized applications using Docker: Created docker files, built docker images for microservices to run on Kubernetes platform.
- Created docker image for microservices files to orchestrate applications using Kubernetes.
- Proficiency in multiple databases like MongoDB, Cassandra, MySQL.
- Produced and Consumed Restful Web Services using Postman Rest Client, Swagger UI, to interact with different applications from third-party tools.
- Worked with Business users and stake holder for gathering business requirements and Convert the Business Requirements into User Stories using JIRA.
- Experienced JS frameworks such as React and Vue.
- Mobile development with React native and build several apps with React native or Flutter.

### SELF-EMPLOYED

*Blockchain developer & System  
Software Engineer*

*JUN 2020 – Present*

- Focusing on security and scalability of smart contracts.
- Develop smart contracts
  - ERC20, ERC721, ERC721A, ERC1155, BEP20, BEP721 Standards, Solana, EOSIO, WAX networks.
  - Truffle, Hardhat,
  - Wrap Token Contract development from BTC, NDAU, Doge, etc.
- Develop Defi / Dapp

- Forking Dex tools like Uniswap, Sushiswap, Pancakeswap, Rubic with special requirement
- Crypto Escrow System development
- ICO & IDO, Token airdrop & presale service platform with custom supply, Liquidity, whitelist
- Wallet connection using web3.js or ether.js
- Develop NFT minting & staking, marketplace
  - Minting, Staking Contract on ERC721, ERC1155 standards on Ethereum, Polygon, Avalanche, BSC, Harmony, Solana network
  - P2E (Play to Earn) contract development
- Develop Cross-Chain-Bridge
  - Child Token, Bridge Contract development
  - Relay service integration like Moralis, Chainlink, Chainstack
  - Well-made Cross-Bridge DApp development using react.js, web3.js, MongoDB

## **Lilithswap**

*Senior frontend developer*

*FEB 2022 – MAR 2022*

- Build frontend of project using Next.js, typescript, web3.js.
- Integrated the frontend with smart contract.

## **JICHENG ELECTRONIC ENGINEERING CO.LTD**

*Full stack developer*

*APR 2019 – JUN 2021*

- Build B/C platform and distributed school database on the cloud and integrated.
- Develop Desktop, Mobile, Web version applications using electron, react native, vue, laravel, python script.

## **Satoshicrypto.finance**

*Blockchain developer*

*NOV 2020 – MAY 2021*

- Integrating smart contracts with metamask browser plugin.
- Coding smart contracts with solidity programming.
- Interacting web application with ethereum Blockchain using web3 JS API
- Creating, compiling, migrating, testing and debugging smart contracts using truffle/hardhat framework.
- Build frontend using React/Typescript/Web3.js.
- Build backend using Node/Mongodb.
- Build smart contract using Solidity/Hardhat/Rinkeby.

## Upwork

*Full stack developer*

*FEB 2018 – MAR 2019*

- Disseminated information and education regarding cryptocurrency and blockchain technology, and shared unmatched knowledge on decentralized technologies.
- Handled all types of programming languages, worked with Git/Github, developed server-side and front-end software, and offered issue tracking and customer support.
- Launched token sales, developed time-based rules for backing up and restoring system and MySQL, and performed maintenance tasks on administrative Linux server.
- Worked on the application [grocery.walmart.com](https://www.grocery.walmart.com) as Node.js developer to build different REST APIs for modules such as user, products, checkout.
- Gained knowledge on Electrode Platform which is a NodeJS/Web platform built on top of the ReactJS and HapiJS frameworks.
- Worked with NPM commands and using Package.json for managing dependencies and dev-dependencies of Node.js applications.

## NIHON TECHNOLOGY

*Software application developer*

*MAY 2017 – NOV 2018*

- Used Object Oriented Javascript concepts like Classes and Inheritance on Server-side scripting.
- Experienced in Hapi.js framework which helps in writing reusable code and helps in validating and authenticating code easily.
- Involved in writing unit test cases using Lab.js and achieved more than 95% code coverage.
- Used third party APIs such as from CASPR for reserving slots, Payments for cart checkout.
- Did validation using joi module in Hapi.js which helps in validating any component.
- Used ESLint to report any patterns or global leakages in the code.
- For storing customer, Product Data used Mysql and Oracle DB.
- Used Swagger for API documentation and check the API functionality and response without effecting the source code.
- We used GraphQL to query the data with parameters like customerID, orderID, to get exact data.
- Involved in using Splunk for analysing and tracking the issues.
- Involved in scrum Methodology for the work flow.
- Used GIT for accessing the repositories and maintaining the code.
- Researched and implemented code coverage and unit test plug-ins with Jenkins.
- Used JIRA Tool for keeping track of bugs, issues, work flow and releases.

## Toyota Tsusho Corporation

*C++ developer*

*SEP 2015 – APR 2017*

- Modified existing build systems and built RPM packages for the new release candidates using CMake.
- Developed an application that would allow transfer of log files from Linux computer to Linux server using C++ multithreading environment.
- Responsible for providing infrastructure for launching and deploying latest release candidates.
- Created C# console applications to manipulate data.
- Refactored existing code by introducing inheritance-based Embedded design.
- Improved the code efficiency by optimizing the code and caching frequently used data.
- Managed SQL Server databases using C# with entity frameworks.
- Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using SQL, My SQL.
- Writing stored procedures in SQL Server and integrated into the application to access the data from databases and store the data into database.
- Used Data Access Object (DAO) classes within MFC to access the Database
- Migrated from SVN for source control to git, local GitHub.
- Implemented logics to install/update/upgrade software packages in Reprogramming Application Manager using QT interface.
- Programming and Changing UI screens using C++/QT Used multi-threading and thread synchronization extensively.
- Strategize with the outside sales team to architect solutions utilizing the QT framework.
- Utilized STL and C++ algorithms to achieve optimal design efficiency.
- Experience using Agile/Scrum/Waterfall software development methodologies on customer collaboration.
- Developed new reports using Python to identify the sales margin overrides.
- Implemented code in Python to retrieve and manipulate data.
- Developed native UI using JavaScript with event handlers and fetching data using SOAP interfaces.
- Involved in production support and providing hot fixes to the production issues.