

# Kousai Shirato

## ABOUT

A Fullstack Developer with a broad and versatile programming skill sets.

As a kid, I was really into playing Go, and as an adult, programming has become the outlet for me to express my creativity.

I enjoy building applications, designing their architecture, and scaling them and I am a strong advocate of delivering top-quality, high-value products that ensure success.

## ADDRESS

Japan, 〒602-0858 Kyoto, Kamigyō Ward, Higashisakurachō, 10

## BIRTHDAY

14 Sep 1992

## CONTACT

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Portfolio: serenesky0914.github.io

## Fullstack Developer

### EDUCATION

#### Osaka University

Sep 2009 - June 2013

With a Bachelor's Degree in Computer Engineering, numerous hands-on experience in software development, and the ability to solve problems in a timely and accurate manner.

### WORK EXPERIENCE

#### FULLSTACK DEVELOPER

Aargo Trade [www.aargo.trade](http://www.aargo.trade)

Mar 2023 - Jan 2024

- Created reusable components using react storybook.
  - Designed and implemented front-end for a risk management system and created other pages in a pixel-perfect and user friendly way.
  - Created multiple backend APIs for Strategy, Pnl and other functionalities using Node.js and Postgresql.
  - Integrated real-time pnl, risk management control and strategy using socket.io.
  - Implemented test cases using Jest and Integrated frontend and backend servers on development and production environments with CI/CD.
- Technologies* : React, Redux, Tailwind CSS, Storybook, Node.js, Python, Socket.IO, Postgresql, Jest, AWS, Docker

#### REACT DEVELOPER

Omneky [omneky.com](http://omneky.com)

April 2021 - Feb 2023

- Created an MVP with a small team of engineers, keeping a tight deadline, and introducing major new features.
  - Created admin panel from Figma design in a pixel-perfect and user friendly way.
  - Upgraded version and refactored project structure and architecture.
  - Redesigned front-end for ads services, and maintained a web application.
  - Integrated real-time notification system using socket.io.
  - Set up functionality to automatically update sales demos.
  - Added new background tasks and notifications.
  - Fixed ads not displaying correctly, preventing a loss of revenue.
  - Implemented JavaScript test cases using Jest and performed end-to-end tests.
- Technologies* : React, Redux, Next.js, Tailwind CSS, Socket.io, Jest, Firebase, AWS, Docker

#### FULLSTACK DEVELOPER

Identity [identity.com](http://identity.com)

Sep 2019 - Mar 2021

- Connected with smart contracts on the blockchain Network with Web3, wallet services.
- Added swagger UI for API documentation.

## SKILLS

- Html, Css, Javascript
- Tailwind CSS
- TypeScript
- React, Redux, Redux-thunk, Next.js
- Angular, NgRx, Rxjs
- Node.js, Express.js, Nest.js
- PHP, Laravel, Symfony
- Golang
- Web3.js, Ethers.js
- Jest, Mocha
- MongoDB, SQL, MySQL, Postgresql, GraphQL, Cassandra
- RestAPI
- Elasticsearch
- WebRTC
- gRPC
- Storybook
- Solidity | Web3 | Ethers
- BTC | ETH | BSC | Polygon
- Avalanche | Solana

- Implemented JavaScript test cases using Jest, and Enzyme and performed end-to-end tests.
- Developed CI-CD implementation using Jenkins, Docker, and AWS.
- Updated front-end using web3.js and integrated back-end APIs.
- Developed best practices, writing reusable code, good code programming standards, best practices for Unit testing, and drafting documents.
- Created smart contracts using Rust and integrated them with front-end and back-end.
- Involved in unit testing and integration testing in the development environment and ensuring the application is according to specifications.  
Technologies : Node.js, React.js, AWS Lambda, Firebase, MongoDB, Blockchain, Web3, Smart contracts

### FULLSTACK DEVELOPER

Basepaws Basepaws.com

Feb 2015 - Sep 2017

- Upgraded the existing service with new functionality and user interface.
- Developed new RESTful API services that work as middleware between our application and third-party APIs that we will use.
- Using magento, developed a microservice for reading a large volume of data from database.
- Added new features, widgets, and functionality.
- Integrated Jenkins to git where the build triggers automatically when we push a pull request for CI/CD.
- Developed payment and invoice system from scratch.
- Handled global optimization and worked with a team (manager, software engineer, and SEO specialist).  
Technologies : Magento, Ziffity, PayPal, Stripe, Amazon

### FULLSTACK DEVELOPER

Caspar app.caspar-health.com

Feb 2015 - Sep 2017

- Caspar Health is an online platform that is trying to shape the future of prevention and rehabilitation.
- The product is used by 81 clinics in Europe and Asia and helps all of their 35,000 patients receive the best quality care-both during and after their hospital stay.
- While working for Goreha/Caspar, Helped with the development of the company's website which contains the main product and service information.
- Developed RESTFUL/WCF Web services, APIs, and other back-end components.
- The platform consists of multilingual patient and clinic web applications built.
- Developed and Deployed applications on Application Servers like Nginx.  
Technologies : Django framework, Python, Python libraries, MySQL, PostgreSQL, LINUX, Git, MVC and MVT

### FULLSTACK ENGINEER

Halcyon Mobile halcyonmobile.com

Feb 2014 - Jan 2015

- Converted a traditional web application to a single-page application using AJAX and a state management layer in JavaScript.
- Wrote an interior door cost-calculating module for offline stores and developed a truck axis load calculator.
- Wrote a framework to generate new custom websites with a custom database back-end for improved rollout and prototyping.
- Created a reusable WebRTC voice call service from a site module.
- Worked with the business development manager on breaking down new business models into realistic technical tasks with a clear roadmap.  
Technologies : Html, CSS, JavaScript, PHP, MySQL, WebRTC, Lamp