# Kousai Shirato

## ABOUT

 A Back-end engineer 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

452-6 Teramachi-dori Kamigyo, Kamigyo Ward, Kyoto 〒602-0805, Japan

## BIRTHDAY

14 Sep 1992

## SKILLS

Node.js, PHP, Golang, Django, Ruby on rails, Web3.js, Rust

## CONTACT

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kousai914@gmail.com

Portfolio:
https://serenesky0914.github.io/

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## Back-end engineer

## 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

**BACK-END DEVELOPER**
Omneky omneky.com                                       April 2021 - Oct 2022

 - Upgraded version and refactored project structure and architecture.
 - Redesigned front-end for ads services, and maintained a web application.
 - Built test automation using RSpec, Capybara, and Selenium.
 - Integrated with ElasticSearch.
 - Set up functionality to automatically update sales demos.
 - Added new background tasks and notifications.
 - Developed CI-CD implementation using Jenkins, Docker, and AWS.
 - Containerized applications using Docker: Created Docker files, and built Docker images for microservices to run on the Kubernetes platform.
 - Developed various Apis to manage ads.
 - Fixed ads not displaying correctly, preventing a loss of revenue.
 - Implemented JavaScript test cases using Mocha, and Enzyme and performed end-to-end tests.
 *Technologies* : Node.js, SQL, Firebase, AWS, Docker

**BACK-END DEVELOPER**
Identity identity.com                                       Sep 2019 – Feb 2021

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

### BACK-END DEVELOPER

Basepaws Basepaws.com                    Feb 2015 - Sept 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 GO, developed a microservice for reading a large volume of data from database.
 - Designed configurable REST APIs on demand and worked on numerous go frameworks like gin, revel, and beego.
 - 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.
 - Created the mobile version and integrated it with back-end APIs.
 - Handled global optimization and worked with a team (manager, software engineer, and SEO specialist).
 - Developed debugged Go GoLang plugins for GoCD pipelines.
 Technologies : Golang, gin, revel, beego, IONIC, GraphQL

### BACK-END DEVELOPER

Caspar app.caspar-health.com            Feb 2015 - Sept 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

### FULL-STACK 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