MIKIO SAKAI

FULL-STACK DEVELOPER

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OBJECTIVE

I have **8 years** of experience in web development and started it at the **age of 22**.

I love **solving technical challenges** and always try to keep myself **up-to-date with technologies.**

The things that I am focusing on in web development are **understanding the business ideas clearly**, **writing clean/best-practice code**, and **making it easily understandable**.

EXPERIENCE

Nov 2021 – June 2022

Full-stack Developer, Simevo S.R.L

- Refactored **Vue/Node** code—reducing bugs, making it reusable, and altering it to provide new data utilized by the new data-visualization interfaces
- Used **Amazon Lambda** to increase the performance and secure the API endpoints
- Implemented multiplayer real-time features using **Nuxt.js** and WebSockets
- Used **Amazon RDS** for SQL databases and use it as the primary database
- Built daily GoogleSheet report using google-spreadsheet and **node-cron** library
- Wrote unit and end-to-end tests using **Jest and Chai** to ensure that the APIs are working as expected.
- Used **Github and Gitlab CI/CD actions** to implement CI and CD

May 2017 – Oct 2021

Full-Stack Developer, Rain Interactive KK

- **Optimized** several large mongo queries where the execution time went down from 10 seconds to 1-2 seconds (sometimes sub-second).
- Implemented full-text search of articles using **elasticsearch**.
- Migrated **MongoDB** to **Postgres** on **Node.js** back-end
- Used **Amazon S3** to store large files and **MongoDB** to store documents of Users, Accounts, Merchants, Transactions, etc.
- Developed **cron-jobs** for performing periodic features on the back-end side without any front-end requests
- Implemented **live reloading** of new product content and messages using **socket.io**.
- Built transactions and repayments report as excel and built a function of converting **Docx files to pdf files**

AREA OF EXPERTISE

- BACK-END DEVELOPMENT
- FRONT-END DEVELOPMENT
- DEVOPS

KEY SKILLS

- VUE
- REACT
- NODE
- DJANGO
- CI/CD
- AWS
- GCP
- KUBERNETES
- DOCKER

SOFT SKILLS

- TESTING AND DEBUGGING
- PROBLEM-SOLVING
- EXCELLENT COMMUNICATION
- TEAMWORK
- MENTORING
- SELF-LEARNING
- TIME MANAGEMENT

- Used mongo **GridFSBucket/Google Cloud Storage** to store large files like videos, audios, and images

Oct 2015 – Apr 2017

Full-Stack Developer, Zo Digital Japan

- Built a responsive website front end using **React/Redux**
- Created several React components with **D3 charts** that support **interactive visualizations** of financial data projections and analysis
- Developed **unit tests** and **integration tests** using **Jest** and **Chai**
- Implemented client-side data transformations to map, filter, reduce, etc. large datasets for display in **interactive SVG charts**
- Wrote advanced **jQuery DataTables** plugins and UX handling
- Created a front-end application using **React**, which communicates with back-end API using **JWT**
- Displayed PDFs in **React** app as easily as if they were images
- Supported and refined a web service for storing data from social networks.

Apr 2014 – Sep 2015

Front-end Developer, Yumyapps

- Used **react-webcam** module to add camera features to React front-end
- Created **reusable React components** for the date picker, dropdown, buttons, and input styles according to the provided designs.
- **Improved** the UI and UX across the entire application with an overhaul of the existing CSS code.
- **Contributed** as part of the team that developed a new web-shop app for a large retailer.

EDUCATION

Apr 2013 – Mar 2017

Tokyo University of Science, Bachelor of Science

SKILLS

- LANGUAGES

  HTML5, CSS3, SCSS, Python, Typescript, JavaScript, ES6

- FRAMEWORKS

  Vue, Django, Express.js, Restify.js, Bootstrap

- PARADIGMS

  Continuous Integration, Continuous Delivery, Scrum, Agile Software Development, Continuous Deployment

- PLATFORMS

  Distributed programming, Unit testing, Integration testing, Google Cloud Platform, Amazon Web Service

- LIBRARIES/APIS

  REST APIs, Vuex, Vuetify, React, jQuery, Google Maps, OpenCV, Sockets, Redux-Saga, React-Redux, Google API

- **TOOLS**

  Git, Terminal, Visual Studio Code, BitBucket, Gitlab, Jira, Sublime Text, Photoshop,
  Adobe XD, Mongo Compass, SQLyog

- **STORAGE**

  JSON, MongoDB, PostgreSQL, MySQL, SQLite, Google Cloud Storage, AWS S3,
  Firestore

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