

CEVIN SAMUEL

Fullstack Web Developer

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EDUCATION

Informatics (Bachelor of Engineering)

Universitas Riau – Pekanbaru, Riau, Indonesia (onsite)

August 2020

SKILLS

JavaScript/TypeScript, Python, React, NextJS, CSS/Tailwind, Node, REST, SQL, Git.

PROJECTS

(Fullstack) caffeineeee.me (Live View) (Repo)

- Implemented OAuth (third-party providers) auth system using NextAuth, enabling more secure and easier login.
- Tools: TypeScript, Node, React, NextJS, Tailwind, NextAuth, Drizzle ORM, Turso SQLite.

(Fullstack) url-shortener (Live View) (Repo)

- Implemented OAuth (third-party providers) auth system using NextAuth, enabling more secure and easier login.
- Applied BASE62 encoding to generate shortened URLs.
- Used NextJS middleware for redirection if a short URL maps to a long URL.
- Adopted Test-Driven Development (TDD) to develop the core functionalities by creating unit test cases with Jest, increasing reliability.
- Tools: TypeScript, Node, React, NextJS, Tailwind, NextAuth, Drizzle ORM, Turso SQLite, Jest.

(Backend) rest-api-ts-sqlite (Live View) (Repo)

- Developed a REST API for managing order and inventory data.
- Used Falso to generate mock data to streamline testing processes.
- Tools: TypeScript, Node, Turso SQLite.

(Backend) apollo-server-graphql-jwt-ts-simple-auth-backend (Repo)

- Built a Credentials-based (email & password) auth system using Apollo GraphQL.
- Utilized Turso SQLite for secure user data storage.
- Applied user-specific access control using JWT token.
- Tools: TypeScript, Node, Apollo GraphQL, Turso SQLite, JWT.

(Frontend) hacker-news-clone (Live View) (Repo)

- Built a 1-to-1 clone of the Hacker News website to practice styling skills using Tailwind.
- Tools: TypeScript, Node, React, NextJS, Tailwind.

(Machine learning) [batak_toba_indonesian_nmt](#) (Repo)

- Like Google Translate, but for Batak Toba (BBC) and Indonesian (IND), because there is no option for Batak Toba in Google Translate.
- Enough for translating short sentences (<30 words), but not for translating long paragraphs or essays.
- Try out the live models, here: (Live Model: BBC→IND) (Live Model: IND→BBC).
- Published a paper: (DOI) <https://doi.org/10.11591/ijaas.v13.i4.pp830-839>.
- Tools: Python, PyTorch, Transformers.

EXPERIENCE

Data Analyst (Intern)

BANK INDONESIA - Central Jakarta, Jakarta, Indonesia (onsite)

March – June 2023

- Conducted research on the sentiments of Indonesian citizens about major banking issues that were currently happening, using social media data and online forums.
- Developed Python program to scrape Twitter by search query and filters, enabling efficient collection of social media data for analysis.
- Engaged with clients, i.e., customers and conventional banks' employees, at FEKDI 2023 (held in Hall B JCC Senayan) to discuss consumer protection issues and to provide support/solutions as needed.
- Got awarded as Top 10 Intern (out of 146 \approx 6.85%) of KMBI VI—KMBI VI refers to the name of the internship program.
- Tools: Excel, Power BI, Python.

Fullstack Web Developer (Intern)

PT Berau Coal - Berau, East Kalimantan, Indonesia (onsite)

September – December 2022

- Developed a full-stack, typesafe NextJS app utilizing TypeScript to provide a reporting system for my department.
- Utilized authentication and role-based authorization using NextAuth.
- Implemented a robust data access layer with Drizzle ORM and PlanetScale MySQL database.
- Created a user-friendly reporting interface with React and Tailwind.
- Tools: TypeScript, Node, React, NextJS, Tailwind, NextAuth, Drizzle ORM, MySQL.