CEVIN SAMUEL

Software Engineer (with 1+ years of experience)
Pekanbaru, Riau, Indonesia (willing to relocate)

Email: cevin.samuel@yahoo.com   Portfolio: caffeineeee.me   WhatsApp: +62 851 6274 5705
GitHub: github.com/caffeineeee   LinkedIn: in/cevinsamuel

EDUCATION

Informatics, Bachelor of Engineering (CGPA: 3.34/4)   *8/2020 – 3/2025*
Universitas Riau   *Pekanbaru, Riau, Indonesia*

- Relevant coursework: Software Requirements, Data Structures, Databases.
- Journal paper (10 pages) titled "Batak Toba language-Indonesian machine translation with transfer learning using NLLB (No Language Left Behind)", published in IJAAS 2024 (indexed in Scopus Q4 and SINTA 1): https://doi.org/10.11591/ijaas.v13.i4.pp830-839.

SKILLS

LANGUAGES: JavaScript/TypeScript, Go, Python, SQL.

DATABASES: SQLite, MySQL, PostgreSQL, MongoDB.

BACKEND: Express.js, Nest.js, Gin.

API: RESTful API, GraphQL, RPCs.

FRONTEND: React, Next.js, CSS/Tailwind, React Native/Expo.

TOOLS: Git, Bash, AWS (S3, EC2, Rekognition).

PERSONAL+CLIENTS' PROJECTS

caffeineeee.me *(TS, Fullstack)*   (Website) (Repo)
- Implemented CI/CD pipelines with `pre-commit` hooks and Biome.js.
- Improved the UX by adding swipe gesture-based navigation.
- Store media files (images, etc.) to AWS S3.
- Tools: TS/JS, Node.js, React, Next.js, Git, AWS S3.

url-shortener *(TS, Fullstack)*   (Website) (Repo)
- Implemented a middleware for redirection if a short URL maps to a long URL. Store media files (images, etc.) to AWS S3.
- Created unit test cases with Jest for increased reliability.
- Tools: TS/JS, React, Next.js, Auth.js (NextAuth.js), Drizzle ORM, Turso libSQL (SQLite), Jest, Git.

rest-api-ts-sqlite *(TS, Backend)*   (Website) (Repo)
- Celivered a RESTful API to manage order and inventory data along with other technical requirements per the client's request.
- Used Falso `@ngneat/falso` (a faster, tree-shakeable alternative to Faker.js) for testing purposes.

apollo-server-graphql-jwt-ts-simple-auth-backend *(TS, Backend)*   (Repo)
- Developed a credentials-based (email & password) auth backend using Apollo GraphQL and JWT.
- Tools: TS/JS, Apollo GraphQL, Turso libSQL (SQLite), JSON Web Token (JWT), Git.

hacker-news-clone *(TS, Frontend)* (Website) (Repo)
- Built a fully responsive, 1-to-1 clone of the Hacker News website, https://news.ycombinator.com.

batak_toba_indonesian_nmt *(Python, Machine learning)*   (Repo)
- Created a neural machine translation (NMT) model for Batak Toba (BBC) and Indonesian (IND). It's like Google Translate. Prior to June 2024, there wasn't an option for Batak Toba in Google Translate.
- Try out the live models on HuggingFace, here:
    - BBC→IND: https://huggingface.co/kepinsam/bbc-to-ind-nmt-v5.
    - IND→BBC: https://huggingface.co/kepinsam/ind-to-bbc-nmt-v5.
- Tools: Python, PyTorch, Transformers, Git.

EXPERIENCE

Data Analyst (Intern)   *3/2023 – 6/2023*
Bank Indonesia   *Central Jakarta, Jakarta, Indonesia (onsite)*

- Conducted research on the sentiments of Indonesian citizens about major banking issues that were currently happening, using social media data.
- Developed Python program to scrape Twitter with search queries 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 as needed.
- Got awarded as Top 10 Intern (out of 146 ≈ 6.85%) of KMBI VI—KMBI VI refers to the name of the program.
- Tools: Python, Excel, Power BI, Git.

Fullstack Web Developer (Intern)   *9/2022 – 12/2022*
PT Berau Coal   *Berau, East Kalimantan, Indonesia (onsite)*

- Developed a full-stack, typesafe Next.js app to provide a reporting system for my department.
- Utilized authentication and role-based authorization using Auth.js (NextAuth.js).
- Implemented a robust data access layer with Drizzle ORM and Planetscale MySQL database.
- Created a user-friendly reporting interface with React and Tailwind.
- Tools: TS/JS, Node.js, React, Next.js, Auth.js (NextAuth.js), Drizzle ORM, MySQL, Git.