Bima Marta Sugiharto

Software Engineer

Bandung, Indonesia • +62 899 910 2449 • zerobima792@gmail.com • github.com/bbimams

PROFESSIONAL SUMMARY

Software engineer with production experience delivering full-stack web applications, background workers, and media pipelines using TypeScript, Next.js, Python, and PostgreSQL. Experienced in multi-tenant architectures, credit accounting systems, and asynchronous queue processing with BullMQ.

WORK EXPERIENCE

Software Engineer, Ideact (PT Akal Cipta Teknologi) Jan 2026 – Present • Bandung, Indonesia

- Built core modules for InHire AI recruiting platform using Next.js App Router, TypeScript, Drizzle ORM, and PostgreSQL with Row-Level Security.
- Engineered an atomic credit transaction engine for paid operations including CV screening, scorecard generation, and automated assessment scoring.
- Implemented an asynchronous worker pipeline using BullMQ and Valkey for background CV processing, batch embedding generation, and coding test evaluations.
- Developed the candidate interview scheduling engine, handling time slot reservations, multi-calendar integrations with iCalendar generation, and automated email notifications.
- Shipped responsive pitch visualization, player alignment tools, and match analytics views for Sportsmeister football analysis platform.
- Engineered a client-side video preview module allowing recruiters to validate overlays prior to model processing.

Fullstack Web Developer Intern, Dinas Sosial Kota Bandung Mar 2025 – Apr 2025 • Bandung, Indonesia

- Built a customized company profile website and administrative content management system.
- Developed an automated Instagram data extraction script in Python to sync official social media updates into the web portal.
- Configured database models and caching layers to maintain high page availability for public visitors.

Fullstack Web Developer Intern, PT Len Industri (Persero) Mar 2022 – May 2022 • Remote

- Collaborated on system architecture and technical specifications with backend engineers and UI designers.
- Developed RESTful API endpoints for internal data services and integrated external data providers for real-time dashboard updates.
- Wrote automated integration tests to validate request payloads and response contracts across frontend views.

PROJECTS

USAGII (usagii.me) • Next.js, TypeScript, Cloudflare, Telegram API Personal Project • usagii.me

- Engineered a unified API gateway providing pay-as-you-go access to multiple AI language models through an OpenAI-compatible interface.
- Built an onboarding and billing workflow integrated with Telegram bot commands for balance top-ups, authentication, and credit consumption.
- Deployed low-latency web chat and edge API handlers with streaming completions and real-time balance tracking.

Sofascore-py • Python, Open Source Open Source • github.com/bbimams/sofascore-py

- Built an open-source Python library to programmatically fetch, parse, and structure live match statistics, player ratings, and shot events from Sofascore.
- Designed typed response models and extraction parsers used in data analysis notebooks and sports analytics workflows.

Nutrition Tracker App • React, Supabase, PostgreSQL Personal Project

- Developed a web application that calculates personalized meal plans and tracks daily macronutrients based on calorie objectives.
- Implemented recipe search, food intake logs, and user preference persistence with Supabase authentication and database.

TECHNICAL SKILLS

Languages	TypeScript, JavaScript, Python, Go, SQL, Dart
Frontend & Mobile	Next.js, React, Tailwind CSS, Flutter, HTML/CSS
Backend & Queues	Node.js, Express, Flask, Gin, BullMQ, Valkey / Redis
Database & Storage	PostgreSQL, Drizzle ORM, Supabase, Cloudflare R2 / S3
Tools & Platforms	Git, Docker, Linux, Cloudflare Workers, LiveKit, RESTful APIs

EDUCATION

Universitas Informatika dan Bisnis Indonesia (UNIBI) • Bachelor of Information Systems Sept 2022 – 2026 • Bandung, Indonesia

SMKN 1 Banjar • Software Engineering May 2019 – Jun 2022 • Banjar, Indonesia

Final project: Travel Banjar Mobile App