

KELANA CHANDRA HELYANDIKA
+62 85727771176 | kelanachandra7@gmail.com | [linkedin.com/in/kelanach](https://www.linkedin.com/in/kelanach)
medium.com/@kelanach | github.com/momokii | kelanach.xyz | sso.kelanach.xyz
Banjarnegara, Jawa Tengah

Fueled by the thrill of exploring new frontiers in technology, I'm Kelana (22) focusing on Software/Product Development with Node.js Express and Golang with Fiber are my current weapons of choice. Experienced in using MySQL, PostgreSQL and MongoDB databases, and have used the CodeIgniter framework for frontend development. Moreover, my journey includes expertise in SDET/QA testing tools such as Jest for unit testing, K6 for performance testing, and Playwright for API automation testing. Beyond development, I have a passion for writing, ranging from technical documentation to content creation, delivering clear and engaging materials that connect with diverse audiences. I thrive in collaborative environments where we can unlock innovative solutions together.

EDUCATION

Universitas Jenderal Soedirman - Purwokerto, Jawa Tengah 2020 - 2025
(Expected)
Bachelor Degree in Informatics, 3.81/4.00

EXPERIENCE

PT Protergo Siber Sekuriti Jan 2025 - Now
Technical Writer (Internship)

PT Moladin Digital Indonesia Feb 2024 - May 2024
Software Development Engineer in Test (Internship)

- Increased unit test coverage to 100% for multiple team repository modules using Jest.
- Conducted comprehensive performance testing using K6 on various API endpoints to determine service performance thresholds, followed by in-depth analysis of results.
- Collaborated with team members to develop data testing monitoring dashboards on Grafana, enhancing test visibility.
- Streamlined the migration process of Faker data testing generators, optimizing efficiency and ensuring seamless integration into testing pipelines.

PT Bank Rakyat Indonesia (Persero) Tbk Aug 2023 - Dec 2023
API Engineer Quality Assurance Engineer (Internship)
Internship Program by Kampus Merdeka to Support the Digitalization of BRI Communication Network CRM Services,

- Developed an internal website to support BRI's Communication Network CRM Services digitalization, achieving a 60% reduction in requests and streamlined tracking processes, while also reducing manual tasks by implementing some automation process.
- Created and maintained APIs using Golang with Gin to facilitate seamless communication among 200+ branch offices, 18 regional offices, and the main office.
- Utilized PHP CodeIgniter 4 to design an efficient and user-friendly internal website tailored to company needs.
- Collaborated with cross-functional teams to implement new features and ensure website development meets expectations.
- Participated in UAT testing. This not only guaranteed the seamless functionality of features but also ensured alignment with the envisioned design.

Bangkit Academy 2023 by Google, Goto, Traveloka Feb 2023 - Jul 2023
Cloud Computing Learning Path (Student Program)
A Study independent program from Kampus Merdeka focus on Cloud Computing and related matters

- Learn the fundamentals of cloud computing to deploy applications, monitor operations, and manage enterprise solutions using Google Cloud Platform (GCP).
- Developing an Backend API and implementing a solution for deploying the system on the Google Cloud Platform for the Bangkit final project team's application called "Frutarians" (github.com/Frutarians)

Certification: tiny.cc/kelanach-certif

AWARDS

Program Kreativitas Mahasiswa - Artikel Ilmiah (PKM-AI) 2024
Successfully secured funding for the research project titled "Pengaruh Adaptive dan Non-Adaptive Learning Rate pada Model MLP, 1D-CNN, dan Ensemble Method untuk Prediksi Harga Berlian" exploring the impacts of learning rate strategies on model accuracy and performance.

Astranauts by AstraDigital 2024

Top 7 Finalist Business Challenge (AGAK LAEN Team)

- Designed a mobile app prototype to address the challenge provided by PT Pamapersada Nusantara, focusing on real-time monitoring of coal shipments, stock levels, and quality.
- Contributed to designing system schema to solve another issue related to real-time coal quality calculation, utilizing cloud services for scalable solutions, RESTful APIs and Apache Kafka for data communication, and PostgreSQL for database management.

Indonesia International Applied Science Project Olympiad (I2ASPO)

2023

Gold Medal for Research on Children with Special Needs Category

- Create Mobile App project named Equisafe: Innovation in Natural Disaster Literacy for Children with Disabilities through Video Animation and Games with Sign Language Translation Features.
- Contributed to designing, developing, and documenting APIs for the Equisafe mobile app project using Node.js (Express) and MongoDB for the database. Utilized Google Cloud Platform for object storage using cloud storage and responsible for API deployment using App Engine. (github.com/momokii/iaspo-equisafe-api)

SKILLS

- Programming Language & Basic Web Development: Node.js, Golang, Python, HTML, CSS, Bootstrap, CodeIgniter 4
- Basic Backend Developer & Databases: Express, Gin, Flask, MySQL, MongoDB, Firestore
- Basic QA/SDET Testing: K6, Jest, Playwright
- Software & Basic Tools: Microsoft Office, Adobe Photoshop, Illustrator, InDesign
- Writing (Content, Technical)