

• PROFILE • 2026

MATTHEWS WONG

AI Forward Deployed Engineer · Commsult APAC

• DevOps & Cloud

• ERP Systems

• Web Development

matthewswong.com

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github.com/matthews-wong



Software engineer across infrastructure, ERP and the web

Matthews Wong is a software engineer based in Tangerang, Indonesia. He is an AI Forward Deployed Engineer at Commsult APAC and works across DevOps and cloud infrastructure, ERP systems and web development.

NOW · SINCE OCT 2026

AI Forward Deployed Engineer Commsult APAC

Build the company's MCP Console and Gateway, the one centralized platform every MCP server runs through.

📍 Tangerang / Jakarta, Indonesia

636

ARTICLES PUBLISHED

12

PROJECTS

6

CERTIFICATIONS

29

PUBLIC REPOSITORIES

2

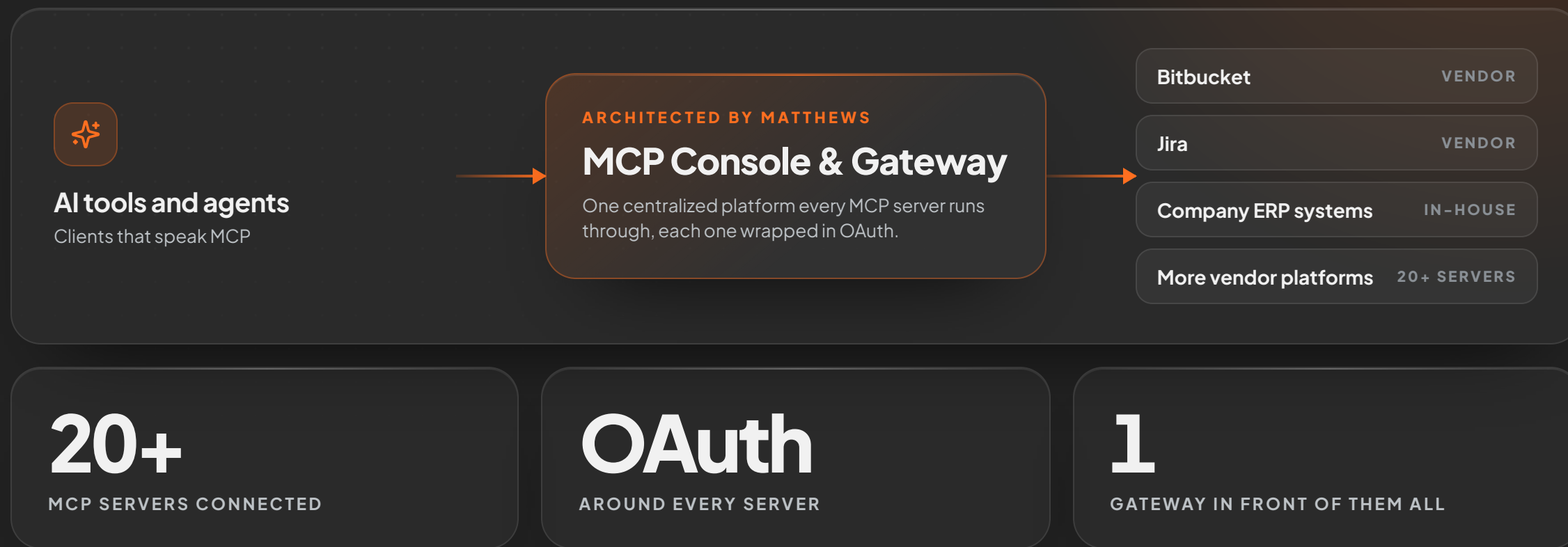
LIVE PRODUCTS

3.82

GPA · MAGNA CUM LAUDE

Building Commsult's MCP platform

One secure front door between AI tools and the systems the company runs on: **Bitbucket, Jira and its own ERP systems**, every connection authenticated and authorized.



• EXPERIENCE

Seven roles since 2024

Two virtual internships, then five roles at Commsult APAC: from writing UI tests, to running cloud infrastructure, to building the company's AI platform.

Oct 2026

● **AI Forward Deployed Engineer** Commsult APAC

Jul 2026

○ **DevOps & Infrastructure Engineer** Commsult APAC

Sep 2025

○ **DevOps Engineer** Commsult APAC

Jan 2025

○ **DevOps Engineer (Intern)** Commsult APAC

Jul 2024

○ **Software Development Engineer in Test** Commsult APAC

May 2024

○ **Data Scientist** id/x partners · Virtual internship

Jan 2024

○ **Mobile Apps Developer** Bank Mandiri · Virtual internship

CURRENT ROLE

AI Forward Deployed Engineer

Commsult APAC · Oct 2026 - Present

Build the company's MCP Console and Gateway, the one centralized platform every MCP server runs through.

MCP

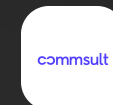
OAuth

AI Agents

Bitbucket

Jira

ERP



Five roles at Commsult APAC

Since Jul 2024, each a wider remit than the last

Three domains, one way of working



DevOps & Cloud

CI/CD pipelines, containers, monitoring and cloud infrastructure on AWS, Google Cloud and DigitalOcean. My thesis load-tested a production platform and gated its deploys on SLOs.



Docker



CI/CD



Ansible



Terraform



Grafana



Prometheus



Linux

- Three DevOps and infrastructure roles at Commsult APAC
- Cloud estate across AWS, Google Cloud and DigitalOcean
- Self-hosted Grafana, Prometheus and Loki in production



ERP Systems

Business software for Indonesian companies: accounts payable and receivable, hierarchical approvals, invoicing and automated email, on NestJS and PostgreSQL.



PWA



React



Vite



Material UI



React Query



NestJS



PostgreSQL



Prisma



Google Cloud



Nginx

- AP/AR live for a real client's finance team
- Multi-level approval engine with audit trails
- hierarchical-approval published on npm



Web Development

Full-stack web apps with Next.js, React and TypeScript, built for speed and search. This site prerenders 636 articles in two languages as static pages.



Next.js



React



TypeScript



Tailwind CSS



Node.js



REST API

- Eight sites and apps shipped, all live
- Two products, each on its own domain
- Local SEO and Core Web Vitals work for clients

ERP Approvals: From Days to Hours at ANC

Replacing manual, email-driven invoice signoffs with hierarchical approval chains in ANCorapro's AP/AR module.

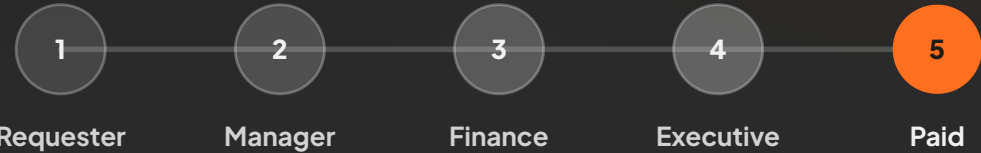


Days → Hours

APPROVAL TURNAROUND

Multi-level

APPROVAL CHAINS



AUTOMATED EMAIL AT EVERY STEP

Invoice approval turnaround was reduced from days to hours, with a full audit trail of who approved what and when.

• PRODUCTS

Two products I build and run

Both are live, and both can be tried right now.



AI GymBro

aigymbro.web.id

Free

Consumer AI

Next.js

A free consumer AI that plans meals and workouts — my own product, running in the open.



Qilap

qilap.web.id

B2B

Open sandbox

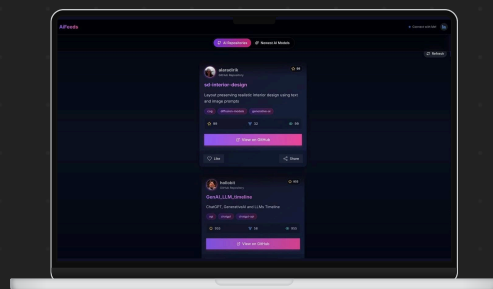
Field app

POS

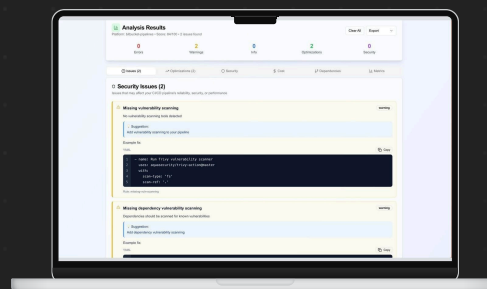
A B2B carwash ERP with a mobile field app and point of sale, offered with an open sandbox anyone can try.

Selected work

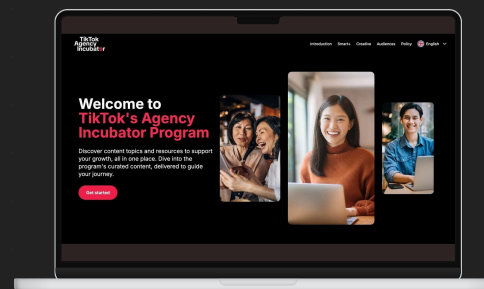
Twelve projects across ERP, web apps, client sites and data. Eight of them:



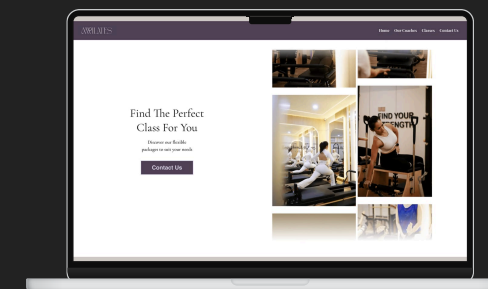
AI Feeds
Web App



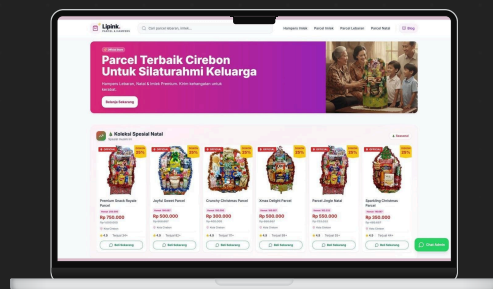
Review CI
Web App



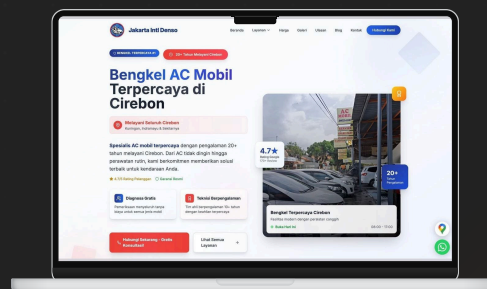
TikTok Agency Incubator
Client Work



MPilates Website
Client Work



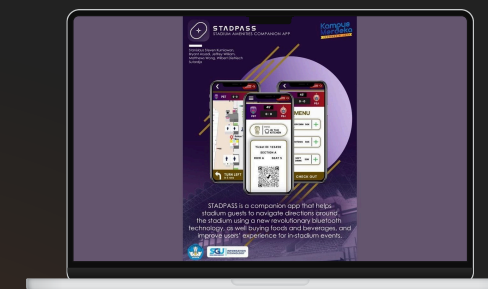
Parcel Cirebon
Client Work



Jakarta Intl Denso
Client Work



Observer KPU
Web App



STADPASS
Mobile & Data

Swiss German University

Sarjana Komputer (S.Kom.) in Information Technology, Technopreneurship track, 2022 to 2026.



GPA OUT OF 4.00

MAGNA CUM LAUDE

THESIS

An SRE-Aligned Load Testing & Benchmarking Framework

Ten controlled experiments on a production logistics platform, with k6 load testing, Docker Swarm autoscaling and a deploy-time SLO gate.

+32%

THROUGHPUT GAINED

-57%

TAIL LATENCY CUT

10

CONTROLLED EXPERIMENTS



CPU



Queue



Database



Hot-row

EACH BOTTLENECK RULED OUT BEFORE THE NEXT

Certified, published and read

SIX CERTIFICATIONS

DevOps Professional Certificate

PAGERDUTY

Network Defense Essentials

EC-COUNCIL

AWS Academy Cloud Foundations

AWS ACADEMY

SQL (Advanced)

HACKERRANK

Ethical Hacking Essentials

EC-COUNCIL

Cybersecurity Awareness Professional

CERTIPROF

29

PUBLIC REPOSITORIES

20

CLAUDE CODE PLUGINS

636

ARTICLES, EN AND ID

3,600+

LINKEDIN FOLLOWERS



hierarchical-approval

TypeScript approval engine, published on npm ·
github.com/matthews-wong

Hackathons, workshops and training

Eight events: capture-the-flag competitions, an AI hackathon, blockchain bootcamps and project showcases.



PwC CTF 2024
Annual Hackaday



PwC Capture the Flag
Hackaday Event



AI Hackathon
AI Indonesia Society



Blockchain Bootcamp
Pelita Bangsa Academy



IT Symposium
SGU Project Showcase

Let's build something



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GITHUB

github.com/matthews-wong



BASED IN

Tangerang / Jakarta, Indonesia

OPEN TO NEW PROJECTS

Infrastructure, ERP and web work

Have an infrastructure, ERP or web project in mind? Send a message, or download the profile for the full picture.



AI Forward Deployed Engineer at Commsult APAC