

Peter Shaan

Jakarta, Indonesia | peterhiku12@gmail.com | +6289529882952 | [linkedin](#) | petershaan.net

SUMMARY

An avid technology buff with a zeal for discovering and deploying cutting-edge solutions. Dedicated to keeping abreast of the latest developments in the tech sector and committed to ongoing learning. Brings a flair for creative thinking and robust problem-solving abilities to every challenge. Eager to make a meaningful contribution in the realm of technology. Enjoys mentoring and sharing knowledge as a teacher and finds a creative outlet in video editing as a hobby.

EDUCATION

Universitas Advent Indonesia, West Java, Bandung

June 2025

Student of Informatics Engineering (GPA 3.99/4.00) (*Summa Cum Laude*)

Coursework : Programming, Software Engineer, Mobile & App Development

Honors :

- Awarded Best Outstanding Graduate 2025 – SK No. 272/ADKOM/2025, dated May 15, 2025
- Achieved a perfect GPA of 4.00 in semesters 1–8, except semester 5
- 3rd WINNER of Education and Teaching Campus Integrity Festival (CIFEST) 2023
- 3rd WINNER of Video Profile Competition LLDIKTI Region IV West Java & Banten, 2022
- 1st WINNER of International Poster & Video Competition by Universitas Medika Suherman, 2023
- 1st WINNER Cybercup an IT Competition 2.0 – Category 1

TECHNICAL SKILLS

- Web Development: Proficient in JavaScript frameworks such as Remix, Next.js, React, Vue.js, and PHP frameworks including Laravel and WordPress.
- Backend & API Development: Experienced in building RESTful APIs using Golang, FastAPI, Laravel API, and integrating automation workflows with n8n or Dify RAG.
- Microservice & Microfrontend Architecture
- Programming Languages: TypeScript, JavaScript, Kotlin, PHP, Python.
- AI & LLM Integration: Hands-on experience integrating Large Language Models (LLMs) for smart features and system automation.
- Mobile Development: Skilled in Android development using Kotlin/Java, and cross-platform development with React Native.
- Databases: Proficient in MySQL, SQLite, MongoDB, Firebase.
- Styling & UI: Experienced with CSS, Tailwind CSS, ShadCN/UI, and Bootstrap.
- Version Control: Git & GitHub.
- CI/CD pipelines with GitLab, Docker.
- Design Tools: Figma, Adobe Photoshop, Adobe Illustrator.
- Agile Development: Hands-on experience working in Agile SCRUM teams, managing tasks via sprint tickets, participating in daily standups, retrospectives, and sprint planning.

EXPERIENCE

PT. Cyberindo Mega Persada, Jakarta

Fullstack Software Developer, Enterprise System Support

August 2025 – Now

- Contributed as part of the Enterprise Systems Support (ESS) team, delivering enterprise-grade digital solutions for internal platforms and the official CBNCloud website.
- Developed and maintained the official company website (cbncloud.co.id) using Next.js, emphasizing performance, accessibility, and a modern user experience aligned with corporate standards.
- Built and maintained the Content Management System (CMS) using a micro front-end architecture with React-based web packages, enabling scalable and reusable modules across business units.
- Implemented SEO and performance optimization strategies, including sitemap automation, structured metadata, and schema markup to enhance online discoverability.
- Designed and maintained backend microservices in Golang, providing secure APIs for authentication, data processing, and system integrations.

- Engineered a PDF form generation system using Golang and SMTP, automating internal workflows and secure email delivery of digital forms.
- Led the end-to-end development of the CBNCloud Member Center, from ERD and Figma design to frontend implementation with Next.js, React Query, and Shadcn UI, allowing customers to manage billing, tickets, and account information seamlessly.
- Designed and developed CRM, the Incident Report Management System, integrating React-based interfaces with a Golang backend to automate PDF report generation and streamline internal incident documentation.
- Implemented automated CI/CD pipelines using GitLab CI, Argo CD, and OKD (OpenShift Kubernetes Distribution) for continuous deployment, ensuring efficient delivery, rollback safety, and system reliability across environments.
- Collaborated cross-functionally with designers, analysts, and system engineers, managing project timelines and sprint progress through Jira and Kanban boards to ensure timely, high-quality releases.

PT. Adidata Informatika, Jakarta

Fullstack Software Engineer, External Developer

December 2024 – Jul 2025

- Working in an Agile SCRUM team to deliver solutions for **PT Sarana Multi Infrastruktur (BUMN)**.
- Responsible for system deployment and production ongoing bug fixing across environments using Amazon AWS, including S3 for file storage and management.
- Performed monthly health checks on production websites to ensure uptime, performance, and compliance.
- Created and maintained Azure DevOps tickets for sizing, task tracking, sprint planning, to define development scope to Product Manager.
- Led the Revamp Phase 3 of the ECMS (HR management system), focusing on improving overall user experience and feature completeness.
- Developed multiple new modules using Laravel Livewire, including:
 - o Certificate Requests, Integrity Pact, Scholarship Applications (tuition aid and academic leave requests).
 - o Automated PDF generation and Privy integration for digital signatures with API.
- Contributed to system architecture by designing robust and scalable Entity Relationship Diagrams (ERD).
- Collaborated closely with QA and UI/UX teams to ensure high-quality feature delivery.

Peduly, Surabaya

Backend Engineer

May 2024 – August 2024

- Lead backend redevelopment of Peduly.com using Laravel, including admin panel and public-facing API.
- Integrated Midtrans payment gateway, handling full transaction flow and secure callback implementation.
- Created and tested RESTful APIs using Postman, and maintained clear API documentation for frontend and mobile teams.
- Deployed Laravel project to shared hosting using cPanel, including environment setup and domain configuration.
- Refactored legacy code and implemented modular architecture to improve maintainability and scalability.

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka, Indonesia

Android Learning Cohort Bangkit Academy

February 2024 – July 2024

- Completed intensive training focused on Android app development using Kotlin.
- Collaborated in a cross-functional team of Indonesian university students to develop a mobile startup app called **Fungi.info**, aimed at educating users about local plants and fungi
- Integrated a machine learning model to detect and classify fungi species using image recognition, enhancing the app's interactivity and educational value
- Engaged in product development lifecycle from ideation, UI/UX design, to deployment and presentation
- Gained practical exposure to career preparation, including mock interviews, resume building, and tech industry insights from top Indonesian tech companies

Universitas Advent Indonesia, West Bandung

Programmer, IT Departement UNAI

August 2023 – Feb 2024

- Website Developer : Led the revamp and development of multiple university websites, including unai.edu, news.unai.edu, and several faculty sites, using WordPress with Avada and Laravel Blade, significantly improving digital presence, SEO, and accessibility

- Administrator Module UNAI : Querying necessary and required data and developing new features in the module
- Built and maintained the Administrator Module for UNAI's internal systems using Vue.js (frontend) and Laravel (backend), enabling streamlined academic operations like course registration, grade processing, and data validation

PROJECT EXPERIENCE

CBN Cloud, PT. Cyberindo Mega Persada
FullStack (Nextjs-Golang), cbncloud.co.id

August 2025 – Now

Cloudia (CRM Application), PT. Cyberindo Mega Persada
FullStack (React-Golang)

November 2025

ECMS, PT. Adi Data Informatika
FullStack (Laravel-Livewire), ecms.ptsmi.co.id

December 2024 – July 2025

Human Resource Management System for PT. Sarana Multi Infrastruktur (Persero), which includes Attendance Tracking, Certificate Request Submission, Certificate Signing, and various other request letters that are accessed and processed online.

E-msaec, Freelance
FullStack (React-Laravel), e-msaec.com

September 2024 – October 2024

Online Learning System that implements gamification concepts with points and interactive learning, where students can watch, read, complete assignments, and even discuss topics provided by the teacher. The teacher can then assess and evaluate each student's abilities individually.

RIOT.id, Skripsi
FullStack (Nextjs), riot-id.vercel.app

June 2024 – September 2024

An event registration application with a gamification concept. The platform is designed to simplify event registration with QRCode while providing an interactive experience through various gamified elements. Key features include a points system, leaderboard, and rewards that motivate participants to engage more actively in events.

Revamping PMB UNAI, UNAI
Laravel (PHP), pmb.unai.edu

June 2024 – July 2024

Fungi.info, Bangkit Academy
Mobile Developer (Kotlin), [Github](https://github.com)

May 2024 – July 2024

Fungi.Info is a mobile application that uses AI and image recognition to identify fungi species from images, helping users distinguish between edible and poisonous varieties during outdoor activities.

DIK-DEA.com, Freelance
FullStack (Nextjs), dik-dea.com

Maret 2024 – April 2024

Project Application of an early detection instrument for Diabetes Mellitus in adolescents. The instrument is designed to help you assess your risk of developing diabetes mellitus based on a number of relevant variables

Revamping the FTI UNAI Website, UNAI
Wordpress (Avada), fti.unai.edu

January 2024 – Maret 2024

UNAI News, UNAI
Wordpress (Avada), news.unai.edu

January 2024 – Maret 2024

Revamping the Universitas Advent Indonesia Website, UNAI

Create & Led the comprehensive revamp of the Universitas Advent Indonesia (UNAI) official website, aiming to modernize the platform, enhance user experience, and better showcase the university's academic programs, research initiatives, and community engagement.

GAPA Tetris, College Assignment

Java, [Github](#)

June 2022 – December 2022

Gapa Tetris Is A Simple Tetris Game App made in Java created by ❤️ from our group basically is made for our final project of "Object Oriented Programming"

Wonderful Indonesia Clone, College Assignment

Bootstrap, [Github](#)

November 2022 – December 2022

This is a Web Programming 1 Final Project Website where this website is a web clone from Wonderful Indonesia taught by sir Andrew Pakpahan as Lecture in Universitas Advent Indonesia

ORGANIZATIONS & COMMUNITY INVOLVEMENT

Witnessing Sound Choir, West Bandung

President

August 2023 – August 2024

- Provided executive leadership and oversight as President during Choir performances and rehearsals.
- Facilitated collaboration between Choir members, officers, Alumni, and external stakeholders to enhance the overall experience and impact of performance.
- Strategically coordinated logistics and scheduling to ensure optimal performance outcomes for WS Choir events.

Vice President of Social

August 2022 - August 2023

- Served as the Vice President of Social Affairs, assisting the President in fostering social relationships among members.
- Organized social events to promote bonding and camaraderie among members.
- Provided counseling and guidance to members facing personal or social issues.

IT Verse, West Bandung

Student Mentor

January 2023 – December 2023

As a dedicated mentor for a Multimedia class, I guided students through the intricacies of digital media production, emphasizing hands-on learning in editing, design, and animation. My approach combined theoretical instruction with practical application, leveraging industry-standard software including Adobe Premiere Pro, After Effects, and Photoshop.

3rd Indonesia Pathfinder Camporee (3IPAC), Indonesia

Committee

September 2022 - July 2023

Selected as volunteers to oversee the logistical aspects of the camporee, akin to scouting activities, catering to approximately 5000 participants from across Indonesia.

OSPEK 2023, West Bandung

Committee

August 2023

Selected as volunteers by the University, undergoing a comprehensive selection process focusing on academic aptitude and vital soft skills. This program is dedicated to educating and guiding incoming freshmen towards a successful academic and social integration into university life.

SOFT SKILLS

- Possessing strong leadership qualities, I excel in team management, time management, and making firm decisions when necessary.
- Having exceptional verbal and written communication skills, I can effectively explain technical information to non-technical stakeholders.

- Experienced in creating a collaborative team environment where everyone feels valued and motivated to contribute.
- Fluent in English and Indonesia.

CERTIFICATIONS & COURSES

- Generative AI Essentials on AWS (2025)
- [Complete Figma Course: Web & Projects from Stratch – Udemy \(2025\)](#)
- [Next.js 15 & React The Complete Guide - Udemy \(2025\)](#)
- [The Ultimate React Course 2024: React, Redux & More - Udemy \(2023\)](#)
- [Adobe Certified Professional in Digital Video Using Adobe Premiere Pro](#)
- Certificate of Completion Bangkit Academy Mobile Development – Bangkit (2024)
- Backend Developer Peduly Internship Program – Peduly (2024)
- [Certificate Laravel Web Development – Sanbercode \(2020\)](#)
- [Responsive Web Design – FreeCodeCamp \(2022\)](#)
- React Javascript – Build with Angga (2024)
- [Belajar Membuat Aplikasi dengan React – Dicoding \(2025\)](#)
- [Memulai Pemrograman Dengan Kotlin - Dicoding \(2024\)](#)
- [Belajar Membuat Aplikasi Android Untuk Pemula - Dicoding \(2022\)](#)
- [Basic Android Developer Certificate Participant - Dicoding \(2022\)](#)
- [Javascript Algorithms and Data Structures – Dicoding \(2023\)](#)
- [Belajar Dasar-Dasar DevOps - Dicoding \(2023\)](#)
- [Cloud Practitioner Essentials \(Belajar Dasar AWS Cloud\) - Dicoding \(2023\)](#)
- [Belajar Membuat Aplikasi Back-End untuk Pemula - Dicoding \(2023\)](#)
- [Belajar Jaringan Komputer Untuk Pemula - Dicoding \(2023\)](#)
- [Pengenalan ke Logika Pemrograman \(Programming Logic 101\) – Dicoding \(2024\)](#)
- [Memulai Dasar Pemrograman untuk Menjadi Pengembang Software – Dicoding \(2024\)](#)
- [Belajar Dasar Git dengan Github – Dicoding \(2024\)](#)
- [Belajar Prinsip Pemrograman SOLID – Dicoding \(2024\)](#)
- [Belajar Fundamental Aplikasi Android – Dicoding \(2024\)](#)
- [Belajar Dasar AI – Dicoding \(2024\)](#)
- [Belajar Penerapan Machine Learning untuk Android – Dicoding \(2024\)](#)
- [Belajar Pengembangan Aplikasi Android Intermediate – Dicoding \(2024\)](#)
- [Belajar Dasar Pemrograman Web – Dicoding \(2024\)](#)