Pshtiwan Mahmood

Full Stack Developer

👤 Profile

Senior House Officer in Psychiatry and Full Stack Developer with more than 10 years of extensive coding experience and over 4 years in clinical medical practice. As the founder of Jano LLC, I have led the development of innovative software solutions, mobile applications, and digital infrastructure systems tailored to the needs of the public, education, healthcare, and media sectors. My career bridges the gaps between daily life challenges and technology, especially within the context of digital health, NGO-driven data systems, and humanitarian support services. Fluent in English and Kurdish, with basic proficiency in Arabic.

💼 Employment History

Founder and Full Stack Developer at Jano LLC

February 2017 — Present

- Established and currently lead a software company delivering scalable digital products for NGOs, businesses, and public institutions.
- Developed the Yariga App, a live score/media app with 550,000+ downloads.
    - Architected real-time sports data infrastructure and horizontally scalable backend.
    - Employed advanced DevOps workflows and monitoring solutions.
- Built the Dargakan Educational Platform, a secure online learning app with over 30,000 downloads and local payment integration.
- Designed and deployed the website for Iraq Health Access Organization (IraqHAO) using modern stacks.
- Built the Paytaxt Private Institute System for student registration, accounting, and certificate issuance.
- Developed the HealthSyndicate Platform, a medical staff organization portal for user management, subscriptions, and dynamic reporting.
- Developed the Mahalatna App, a mobile ticketing platform with over 60,000 users, allowing users to purchase tickets securely using credit card and First Iraqi Bank (FIB) integration.
- Developed Volunteer.krd website for Babylon Media, a web app to make choosing the right volunteers easily.

Details

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Nationality

Iraqi

Links

https://github.com/drpshtiwan
https://linkedin.com/in/drpshtiwan

Skills

Backend Development: Expert in PHP with Laravel, including multi-module systems, domain-driven design, queue management, and payment integrations.

Frontend & Mobile: Proficient in JavaScript/TypeScript, Flutter, Next.js, Inertia.js, and Tailwind CSS to deliver performant and responsive user interfaces.

API Design & Real-Time Data: Skilled in designing scalable RESTful and GraphQL APIs, with experience in real-time sports and media data handling.

DevOps & Infrastructure: Configured Linux/Nginx hosting, CI/CD with GitHub Actions, horizontal scaling for high-traffic platforms like Yariga, and infrastructure automation.

- Released multiple open-source Laravel packages under the Jano brand, including:
  - https://github.com/thejano/laravel-domain-driven-design – 15K+ downloads
  - https://github.com/thejano/laravel-filterable
  - https://github.com/thejano/areeba-payment-laravel
  - https://github.com/thejano/zaincash-laravel
- Managed infrastructure across GitHub Actions, Nginx, horizontal scaling environments, and custom CI/CD pipelines.
- Oversaw DevOps operations, security best practices, internationalization, and user scalability.

Team Lead at Zuu Application (zuuapp.com), Erbil
February 2024 — November 2024

- Led development of a large-scale food delivery application including mobile and backend systems.
- Oversaw a cross-functional team handling Flutter app, Laravel backend, and third-party integrations.
- Implemented order tracking, real-time location, payment integration, and scalable APIs.

Freelance Developer at OUD Production L.L.C, Erbil
November 2018 — Present

- Built a full-scale music distribution system capable of delivering over **20,000 tracks** to DSPs including YouTube, Spotify, Apple Music, SoundCloud, Anghami, Deezer, Amazon Music, and TikTok via DDEX standard.
- Developed automated revenue reporting systems that generate royalties breakdown from DSPs and manage monthly artist payouts.
- Implemented a video automation pipeline that transforms long YouTube videos into shorts, rebrands them, and uploads them directly — enabling intensive re-marketing automation.
- Created internal dashboards and royalty tracking interfaces to simplify operations for non-technical staff.

Web Developer & Server Administrator at Babylon Media Group, Erbil
October 2016 — March 2022

- Delivered web-based content management systems for media broadcasting platforms.
- Configured and maintained Linux-based servers, ensured uptime and load balancing.
- Worked on multi-language content delivery with SEO optimization and analytics integration.

WordPress Developer at RMR-Soft, Erbil
September 2015 — September 2016

- Designed and deployed fully customized WordPress themes and plugins.
- Delivered solutions for small businesses, NGOs, and clinics with responsiveness and backend simplicity.

Open Source Contributions: Maintainer of Laravel packages such as laravel-domain-driven-design (15K+ downloads), laravel-filterable, zaincash-laravel, and areeba-payment-laravel.

Databases: Advanced use of MySQL and PostgreSQL, database optimization, migration strategy, and multi-tenant architecture.

Cloud & Storage: Hands-on experience with S3-compatible storage, AWS, Vultr, and scalable content delivery.

Visualization & Reporting: Power BI and custom dashboard development for NGO data and admin portals.

Project Delivery: Lead roles in building, maintaining, and scaling production systems from concept to launch across NGOs, media, and public institutions.

Languages
Arabic: Beginner

English: Fluent

Kurdish: Native

WordPress Trainer at KCS Training (Kurdistan Computer Syndicate), Erbil

August 2015 — September 2015

- Conducted hands-on workshops on WordPress theme and plugin development.
- Mentored aspiring developers in code best practices and deployment strategies.

Medical Experience

Senior House Officer in Psychiatry at Erbil Teaching Hospital, Erbil

May 2024 — Present

- Provide psychiatric assessment, diagnosis, and treatment for patients with various mental health disorders.
- Manage both inpatient and outpatient psychiatric services.
- Work closely with psychologists and community health workers to deliver multidisciplinary care.
- Participate in public mental health awareness programs and academic discussions on psychiatry and behavioral sciences.

Digital Health Advisor at Ministry of Health – KRG, Erbil

January 2024 — May 2024

- Provided strategic advice for digital health system implementation and evaluation.
- Led the planning and prototyping of electronic medical records (EMR) tools and public data dashboards.

General Practitioner at Malaqara Primary Healthcare Center at Mahkmoor District

January 2023 — January 2024

- Diagnosed and treated a wide spectrum of acute and chronic conditions in primary care.
- Delivered vaccination and public health counseling services.

Junior House Officer at Erbil directorate health (DOH), Erbil

January 2021 — January 2023

- Rotated through internal medicine, general surgery, pediatrics, and emergency medicine departments.
- Performed clinical duties under supervision, including patient admissions, ward rounds, and procedural assistance.
- Gained foundational knowledge in diagnostics, case presentation, and patient care protocols.

🎓 Education

Bachelor of Medicine, Bachelor of Surgery (M.B.Ch.B), Hawler Medical University, Erbil

November 2014 — August 2020

Kurdistan High School, Erbil

2011 — 2013