CURRICULUM VITAE

Ahmad Zaki Wahedy

Software Architect & Full-Stack Software Engineer

I design software with its next decade of use in mind. My focus is not only solving today's requirements, but establishing an architecture that can evolve, scale, and accept new capabilities without major rewrites or unnecessary technical barriers.



5+ YEARS BUILDING PRODUCTS

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EMAIL
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PHONE
+93 77 614 7799

LOCATION
Kabul, Afghanistan

PORTFOLIO
ahmadzakiwahedy.com

Technical capabilities

BACKEND

PHP / Laravel / Go / Python / Django / Java / Spring Boot

FRONTEND

JavaScript / TypeScript / React / Angular / Next.js / HTML/CSS

MOBILE

Flutter

DATABASES AND MESSAGING

MySQL / PostgreSQL / Microsoft SQL Server / NoSQL databases / Elasticsearch / Firebase / Redis / RabbitMQ

INFRASTRUCTURE AND DELIVERY

Linux server administration / Nginx / Apache/cPanel / Docker / DigitalOcean / Git / CI/CD / Application monitoring

ENGINEERING CAPABILITIES

Software architecture / Modular architecture / Microservices / Multi-tenant SaaS architecture / Event-driven architecture / API design / Database architecture / Third-party integration design / Payment-system integration

Education

Bachelor's Degree in Computer Science - Software Engineering

Dunya University of Afghanistan

2019 - 2022 · Kabul, Afghanistan

Overall result: 92.82%

Grade 12 Secondary School Diploma - General education

Habibia High School

2004 - 2016 · Kabul, Afghanistan

Overall result: 84.83%

Grade 14 Technical Diploma - Database Track

Afghan Institute of Technology

2017 - 2019 · Kabul, Afghanistan

Overall result: 91.97%

Professional experience

2025 - Present

Full-Stack Developer

Zinzir Ltd · full-time · Darulaman area, Kabul, Afghanistan

Develops and operates enterprise fintech systems within the HesabPay ecosystem, with responsibilities spanning backend architecture, payment workflows, asynchronous processing, third-party integrations, deployment, and production operations. Since May 2025, the role has expanded to include full-stack delivery and close collaboration with backend, frontend, and mobile engineers, banks, and fintech partners.

2023 - 2024

Full-Stack Developer

View Net Technology · full-time · Karte Char, Pul-e-Surkh, Kabul, Afghanistan

Progressed from Software Developer to Full-Stack Developer while serving as the primary end-to-end engineer for internal operations and external client products. Designed, implemented, deployed, and maintained systems spanning media streaming, content management, e-commerce, and field service operations. Worked directly with clients and delivered a technician platform that connected customer-care ticket creation with mobile assignments, location-aware field execution, evidence capture, and management reporting.

- Designed software and database architectures across multiple products
- Developed reliable internal and customer-facing applications
- Implemented frontend, backend, and integration layers
- Deployed and maintained every assigned production application
- Worked directly with clients on requirements and delivery
- Guided and reviewed limited UI work completed by a colleague
- Continued development of an existing media-streaming platform

2022 - 2023

Mid-Level Full-Stack Developer

Zirak Oxus Information and Communication Technology Company · full-time · Darulaman Road, District 7, Kabul, Afghanistan

Joined Zirak Oxus as a Backend Developer and received a formal promotion to Mid-Level Full-Stack Developer after approximately six months. Architected Laravel and MySQL systems, built REST APIs, developed a Flutter marketplace application, managed deployment and maintenance, and collaborated within a five-person engineering team. The most significant contribution was Bazar AFG's custom internal messaging capability and the supporting marketplace backend used by a publicly listed application with more than 10,000 downloads.

- Designed application and backend architectures
- Designed relational databases
- Built Laravel REST APIs and supporting backend systems
- Developed a Flutter mobile application
- Built an internal customer-to-customer messaging system without Firebase or a third-party chat provider
- Deployed applications and maintained production services
- Improved application performance and reduced manual workflows
- Participated in limited code review, task coordination, and client communication across separate projects

Professional experience

2019 - 2022

Computer Science Teacher

Emaad Private High School · Full-time with a schedule later adjusted around university studies · Shaheed Square, Qala-e-Fathullah, Kabul, Afghanistan

Taught computer science to approximately 150 students across six classes from grades 7 through 12. Designed lesson plans, assessments, practical exercises, and curriculum covering computer fundamentals, Windows, Microsoft Office, internet literacy, and introductory programming. Managed the computer laboratory, designed a software system for the school, and trained teachers to complete academic and administrative work more effectively with digital tools.

- Designed lesson plans and the instructional curriculum
- Prepared examinations, assessments, and practical exercises
- Delivered classroom and laboratory-based instruction
- Managed the school computer laboratory
- Designed a software system for the school
- Trained teachers in practical computer and Microsoft Office skills
- Supported teachers with mark sheets, examination papers, and other digital documents

Selected project work

Uzbekpedia

Shares Uzbek culture with a global audience and creates a common digital home for the Uzbek community in Turkey.

Laravel

Nilsad E-commerce

Makes Afghan products available for customers around the world through online commerce.

Laravel

Timur Cultural Website

Shares Uzbek culture globally and creates a common digital home for the Uzbek community in the United States.

Django / Stripe

LinkedIn GitHub X Facebook

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