



INAYATULLAH SHINWARI

Software Engineer

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EDUCATION

2025 - Present	Master of Information Systems (IS)
Kabul University	Focusing on the intersection of information systems, artificial intelligence, and cybersecurity. Developing skills in data-driven decision-making, system design, and IT management.
2017 - 2021	Bachelor of Computer Science (CS)
Nangarhar University	Completed comprehensive studies in software development, algorithms, databases, and networking. Gained hands-on experience with programming, web development, and system analysis.

EXPERIENCE

2024 -Present	Full Stack Web Developer
Afghanistan Oil & Gas Corporation (AOGC)	- Successfully delivered a secure, scalable REST API using Laravel that enabled efficient business data exchange and integration, positively impacting operational workflows. - Produced clear and comprehensive API documentation alongside Entity-Relationship Diagrams (ERD), significantly simplifying integration efforts and maintenance for development teams. - Enhanced API resilience and usability by implementing versioning, robust authentication, authorization, and detailed error handling, leading to improved system availability. - Streamlined development and deployment processes through Git-based version control and Docker containerization, ensuring consistent and reliable releases across development stages. - Customized ERPNext solutions that automated key business workflows, improved data governance via role-based access controls, and facilitated smooth data migration, boosting overall process efficiency. - Improved application performance and user experience by optimizing backend logic with Python and frontend interactions via JavaScript within the ERPNext Frappe framework. - Optimized database structures and queries for ERPNext, resulting in increased system stability and scalable performance under growing workloads. - Elevated user competency and adoption rates through tailored technical support, training sessions, and comprehensive knowledge base materials. - Collaborated effectively with cross-functional teams and stakeholders, translating complex business needs into scalable, high-quality technical solutions. - Maintained rigorous adherence to coding standards, security protocols, and IT compliance, ensuring robust and secure software delivery.

2023 - 2024

Salam University

Full Stack Web & Application Developer | IT Systems Administrator

- Led ongoing enhancements of the university's official website using Tailwind CSS, Ajax, and Laravel. Managed bug fixes, feature development, and UI/UX improvements to deliver a seamless, responsive experience for all users.
- Oversaw management and optimization of the LMS platform built on Laravel, Vue.js, Redis, Socket.io, and Node.js. Directed deployment, server hosting, real-time communication features, and security to ensure robust e-learning capabilities.
- Developed and maintained the university's MIS desktop application using C# WinForms and SQL Server. Enhanced the web-based MIS with Laravel and Vue.js, focusing on data integrity, performance, and user-centric design.
- Administered university servers, including web and email hosting, deployment pipelines, and security protocols. Ensured high availability, strong data protection, and efficient operations across digital systems.
- Collaborated with cross-functional teams to prioritize and resolve software issues. Provided comprehensive technical support and delivered end-user training to promote smooth adoption and effective system use.
- Implemented Git and GitHub for source control, enabling efficient collaboration, code integrity, and streamlined development processes across multiple projects.

2024 - 2025

Green State Power (GSP)

REMOTE

Full Stack Web Developer | Team Leader

- Led the design and development of mission-critical web applications that enhanced operational efficiency and customer engagement.
- Architected and implemented a secure document generation system producing personalized pass documents with unique IDs and QR codes for secure access workflows.
- Developed RESTful APIs using Django REST Framework and Laravel to ensure seamless integration and reliable data exchange across platforms.
- Enforced coding best practices and clean code standards to deliver high-quality, maintainable, and scalable software solutions.
- Utilized Git and GitHub for version control, code reviews, and collaborative development, supporting efficient workflows and continuous integration.
- Employed Docker containerization to provide consistent development, testing, and deployment environments across platforms.
- Managed deployment workflows for staging and production, ensuring smooth releases with minimal downtime.
- Administered cloud and server environments and automated deployment pipelines to optimize software delivery and operational reliability.
- Led and mentored a cross-functional development team, establishing technical standards and driving timely project execution.
- Collaborated with stakeholders to translate complex business requirements into secure, scalable technical solutions.
- Created and maintained comprehensive project documentation, including API specifications, deployment guides, and best practice manuals.
- Implemented robust security protocols, data validation, and performance optimizations to deliver secure, user-friendly, and efficient systems

2020 -2022

N Technologies

Web Developer

- Collaborated closely with stakeholders to gather and refine technical specifications and requirements, ensuring alignment with business objectives.
- Designed intuitive wireframes, website layouts, and user interfaces using Figma, Tailwind CSS, Bootstrap, and standard HTML/CSS, focusing on responsive and user-centric designs.
- Developed scalable, multi-user web applications leveraging the Django framework, prioritizing robustness and performance.
- Implemented comprehensive unit testing to verify functionality and uphold quality standards.
- Applied stringent security best practices during development to protect applications from vulnerabilities and cyber threats.
- Utilized Git and GitHub for version control, facilitating collaborative development, code reviews, and continuous integration.
- Maintained clean, maintainable code and practiced agile workflows to promote effective teamwork and timely project delivery.

2018 -2020

CHILD EDUCATION
SUPPORTING FOUNDATION
(CESF)
REMOTE

Web Designer

- Gathered and refined technical specifications and requirements to ensure alignment of project objectives with organizational goals.
- Designed wireframes, website layouts, and user interfaces using Bootstrap and standard HTML/CSS, emphasizing clean, functional design.
- Developed fully responsive web applications optimized for seamless performance across all devices, enhancing overall user satisfaction.
- Implemented new features based on organizational priorities and user feedback, driving continuous improvement of application functionality.

PROJECTS

ERP REST API - Website		AOGC ERP		Salam University Website - Website
Investment Opportunities Management System - Website		Multilingual Blog Post- Website		
Salam <u>University LMS- Website</u>		QR-Based Digital Boarding Pass System		

SKILLS

Front-End Frameworks / Libraries	HTML, CSS, Bootstrap, Tailwind CSS, jQuery, Ajax, AlpineJs, VueJS, ReactJS, NuxtJS
Back-End Frameworks	Django, FastAPI, Laravel, ASP.NET, Nodejs, ExpressJS, Frappe
Programming Languages	Python, PHP, JavaScript, Java, C#
Documentation	API specification (Swagger, OpenAPI)
DBMS	MySQL, SQL Server, PostgreSQL, SQLite, MongoDB, Redis
Architectures	Monolithical, MicroServices
DevOps	Docker, GitHub Actions, CI/CD
Server & Infrastructure Management	Web servers, Email servers, Cloud hosting, Security protocols
Information Management System	Geographic information systems (GIS), Data Visualization & Reporting
Others	Git, GitHub, Figma, Postman, Linux, Vim, Shell Scripting (Bash/Zsh)

REFERENCES

Available upon request