



# INAYATULLAH SHINWARI

Software Engineer

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## EDUCATION

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|----------------------|--|
| 2025 - Present       | <b>Master of Information Systems (IS)</b>  |
| 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          | <b>Bachelor of Computer Science (CS)</b>   |
| Nangarhar University | Completed comprehensive studies in software development, algorithms, databases, and networking. Gained hands-on experience with programming, web development, and system analysis.   |

## EXPERIENCE

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|---|---|
| 2024 -Present                                       | <b>Full Stack Web Developer</b>   |
| <b>Afghanistan Oil &amp; Gas Corporation (AOGC)</b> | <ul style="list-style-type: none"><li>Successfully delivered a secure, scalable REST API using Laravel that enabled efficient business data exchange and integration, positively impacting operational workflows.</li><li>Produced clear and comprehensive API documentation alongside Entity-Relationship Diagrams (ERD), significantly simplifying integration efforts and maintenance for development teams.</li><li>Enhanced API resilience and usability by implementing versioning, robust authentication, authorization, and detailed error handling, leading to improved system availability.</li><li>Streamlined development and deployment processes through Git-based version control and Docker containerization, ensuring consistent and reliable releases across development stages.</li><li>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.</li><li>Improved application performance and user experience by optimizing backend logic with Python and frontend interactions via JavaScript within the ERPNext Frappe framework.</li><li>Optimized database structures and queries for ERPNext, resulting in increased system stability and scalable performance under growing workloads.</li><li>Elevated user competency and adoption rates through tailored technical support, training sessions, and comprehensive knowledge base materials.</li><li>Collaborated effectively with cross-functional teams and stakeholders, translating complex business needs into scalable, high-quality technical solutions.</li><li>Maintained rigorous adherence to coding standards, security protocols, and IT compliance, ensuring robust and secure software delivery.</li></ul> |

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**

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ERP REST API - [Website](#) | Salam University Website - [Website](#) | Salam University LMS- [Website](#)  
Investment Opportunities Management System - [Website](#) | Multilingual Blog Post- [Website](#)

**SKILLS**

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|---|--|
| <b>Front-End Frameworks / Libraries</b>       | HTML, CSS, Bootstrap, Tailwind CSS, jQuery, Ajax, AlpineJs, VueJS, ReactJS |
| <b>Back-End Frameworks</b>                    | Django, FastAPI, Laravel, ASP.NET, Frappe, ExpressJS                       |
| <b>Programming Languages</b>                  | Python, PHP, JavaScript, Java, C#  |
| <b>Documentation</b>                          | API specification, Deployment guides, Technical manuals                    |
| <b>DBMS</b>                                   | MySQL, SQL Server, PostgreSQL, SQLite, MongoDB                             |
| <b>Architectures</b>                          | Monolithical, MicroServices  |
| <b>DevOps</b>                                 | Docker, Kubernetes, GitHub Actions   |
| <b>Server &amp; Infrastructure Management</b> | Web servers, Email servers, Cloud hosting, Security protocols              |
| <b>Others</b>                                 | Git, GitHub, Figma, Postman, Linux   |

**REFERENCES**

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*Available upon request*