**MUNES BANI FAWAZ**  
*Senior Full Stack Software Engineer*

**Intro**

Passionate Software Engineer committed to delivering high-quality solutions through dedication, meticulous attention to detail, and strong organizational skills. Proficient in programming and coding with a solid understanding of software development principles. Driven to continuously learn, evolve, and achieve excellence in the field of Software Engineering.

**CONTACT**

**Phone:** +962789336602  
**Email:** [m.banifawaz@outlook.com](mailto:m.banifawaz@outlook.com)  
**Date of Birth:** 04/09/1998  
**Nationality:** Jordanian

**EDUCATION**

**Bachelor’s Degree in Software Engineering**  
*Philadelphia University of Jordan (Amman, Jordan)*  
10/2017 – 02/2021

* Graduated with an average of 77.6% (Very Good), equivalent to a GPA of 3.1/4.

**High School Diploma**  
*First Secondary School of Abha (Abha, Saudi Arabia)*  
2013 – 2016

* Achieved an average of 96.03%, equivalent to 80.08% (Jordan Ministry of Education Certification).

**Additional Education**

* *Mecca Intermediate School* (Abha, Saudi Arabia) | 2010 – 2013
* *Anjara Elementary School* (Ajlun, Jordan) | 2009 – 2010
* *Robert-Koch Realschule* (Stuttgart, Germany) | 2008 – 2009
* *Pfaffenwald-Schule* (Stuttgart, Germany) | 2004 – 2008
* *Kinderhaus Uni-Kids* (Stuttgart, Germany) | 2001 – 2004

**WORK EXPERIENCE**

**SENIOR ERP Full Stack Developer & ERP Squad Lead**  
*Syarah* | ***April****2025 – Present*

**MID ERP Full Stack Developer**  
*Syarah* | *December 2023 –* ***April 2025***

**ERP Full Stack Developer**  
*Nixpend* | *September 2022 – December 2023*

**System Development Officer**  
*Extensya* | *June 2021 – March 2022*

**ACCOMPLISHMENTS**

* Creator of **Philadelphia University Forms Project**.
* Developed **Mecca School Website** (Abha, KSA).
* Built **Jordan Prayer Times App**.
* Designed and published **Cubic Maze Runner Game**.

**LANGUAGES**

* **English** (Fluent) - **German** (Intermediate) - **Arabic** (Native)

**SOFTWARE SKILLS**

* **Programming:** C#, Java, Python, C++, PHP, HTML, CSS, JavaScript, SQL/MySQL, VB, Visual Basic, VBS, BAT.
* **Frameworks & Libraries:** .NET, ASP.net, React, Angular, Laravel, Flutter, Node.js, Frappe, Jinja, ERPNext, Flask.
* **Game Engines:** Unreal Engine, Unity.
* **Operating Systems:** Linux (Kali, Ubuntu, Manjaro).
* **Other Tools:** Docker, Visual Studio.

[Portfolio](https://mbanifawaz.github.io/) - [**GitHub**](https://github.com/MrGiveItAway-TPK) - [**YouTube**](https://www.youtube.com/@munesbanifawaz) **-** [**LinkedIn**](https://www.linkedin.com/in/munes-bani-fawaz-799151204/)

**Company**: Syarah  
**Title**: Senior - ERP Full Stack Developer – Squad Lead  
**Acting Roles**: ERP Trainer, DevOps Engineer, Acting Team Lead  
**Experience**: December 2023 – Present

**Technical Expertise**

* **Development:** Frappe Framework (JS/Python), Python, JavaScript, Vue.js, Vuetify, ERPNext, JINJA, HTML, CSS, Ajax, jQuery, SQL/MySQL
* **DevOps:** Ubuntu, Cloudflare, NGINX, AWS Cloud, Docker
* **Tools:** Bitbucket, WSL, VS Code (command-line operations: Frappe, Bench, Git, Linux, Python Console)

**Key Contributions**

**Strategic Leadership & Innovation**

* Lead the ERP Squad, overseeing the strategic direction and execution of ERPNext and Frappe-related projects.
* Drive cross-functional coordination to ensure timely delivery of high-quality ERP features and upgrades.
* Prioritize tasks, mentor developers, and conduct performance reviews aligned with company goals and team development.
* Foster a collaborative, innovative environment focused on continuous improvement and business impact.
* Define technical strategies and lead architecture decisions for scalable, high-performance ERP systems.

**Training & Mentorship**

* Conducted technical training sessions on Frappe/ERPNext, Python, and JavaScript for internal team growth.
* Provided ongoing mentorship and technical guidance to developers at various skill levels.
* Supported onboarding and upskilling of new team members through structured sessions and code reviews.

**Development & Implementation**

* Upgraded Frappe/ERPNext from v13 to v15, decoupled and optimized a built-in Vue.js front-end application.
* Built a complete document generation module from scratch (similar to [Docmosis](https://www.docmosis.com/)), tailored for ERP needs.
* Developed the “Single View Connector,” a standalone Flask application for integrating with external banking and third-party services.
* Designed and implemented a customizable Kanban board and resolved complex user interaction challenges.
* Automated instance setup using Bash for WSL and Ubuntu environments, reducing developer setup time.

**DevOps & Infrastructure Management**

* Managed UAT, QA, Preproduction, and Outsourcing environments with a focus on stability and scalability.
* Contributed to the migration of ERP files to AWS S3 and played a key role in RDS configuration and high-availability setup.
* Resolved complex issues related to load balancing and implemented RDS master-replica replication.
* Delivered containerized environments using Docker, including the “Syarah Devbox” for streamlined local development.

**Leadership & Problem-Solving**

* Led ERP releases, ensuring stable rollouts and efficient coordination with stakeholders.
* Conducted performance reviews, mentored junior and mid-level developers, and ensured team alignment with business goals.
* Spearheaded code quality initiatives through detailed code reviews and audit sessions.
* Resolved critical production issues under pressure, stabilizing the system and improving resilience.

**Optimization & Innovation**

* Created the “Frappe Developer Toolbox” to streamline repetitive development tasks and boost efficiency.
* Optimized SQL queries for high-impact modules, improving performance significantly.
* Built pre- and post-migration indexing hooks to enhance table performance without altering ERP core.
* Developed a fully customizable Sync Module to support scalable multi-system data exchange.

**Additional Contributions**

* Implemented batch QR code printing within ERP modules for operational efficiency.
* Regularly resolved live production issues using a combination of SQL scripting and server-side debugging.
* Shared knowledge and reusable modules through internal GitHub branches, contributing to the broader Frappe/ERPNext community.
* Collaborated with DevOps teammates to enhance and document Docker-based deployment processes.

--------------------------------------------------------------------------------------------------------------------------------------------------

**Company**: Nixpend  
**Title**: ERP Full Stack Developer  
**Acting Roles**: ERP Trainer, Release Manager, Team Helper  
**Experience**: September 2022 – December 2023 (1 Year, 4 Months)

**Technical Expertise**

* **Development**: Frappe Framework (JS/Python), Python, JavaScript, ERPNext, JINJA, HTML, CSS, Ajax, jQuery, SQL/MySQL
* **Tools**: GitLab, VS Code (command-line operations: Frappe, Bench, Git, Linux, Python Console)

**Key Contributions**

**Development & Customization**

* Built custom Doctypes and modules with related reports and functionalities, including HR, appointment bookings, accounting, and procedural enhancements.
* Developed a **Revenue Sharing Module** to automate distribution of revenue via invoices for healthcare practitioners.
* Customized accounting modules (e.g., sales invoices, journal entries) using Python and JavaScript.
* Upgraded the ERP/Frappe system from v13 to v14, performing patches and migrations.

**API Development & Integration**

* Created custom APIs and integrated the ERP system with external healthcare systems like Medical.
* Implemented webhooks to enhance system connectivity and workflows.
* Fully integrated ERP file storage with cloud services (Scaleway S3, Oracle Object Storage OCI, Google Cloud Files S3).

**Process Management & Automation**

* Oversaw ticket distribution and managed weekly updates/releases, including code reviews and merge requests.
* Created Bash and Python scripts for operational efficiency, such as resetting Docker containers, SSH key generation, branch management, and Git validation workflows.

**Training & Leadership**

* Trained and mentored three new hires, fostering independence and technical growth.
* Supervised ticket execution from planning to production release, ensuring quality and timely delivery.

**Optimization & Infrastructure**

* Streamlined work environments by automating critical processes using custom scripts.
* Enhanced system scalability and reliability through cloud integrations and optimized configurations.

-----------------------------------------------------------------------------------------------------------------------------

**Company**: Extensya  
**Title**: System Development Officer  
**Experience**: June 2021 – March 2022 (10 Months)

**Technical Expertise**

* **Development**: PHP, HTML, CSS, JavaScript, Ajax, jQuery, SQL/MySQL, Custom APIs
* **Tools**: Joomla (CMS), FileZilla (FTP), Navicat (Database Management)

**Key Contributions**

**Development & Customization**

* Created and maintained **web forms** for quality evaluations and call logging, serving ~40 clients.
* Developed internal systems such as ECT (employee announcements), online/English assessments, Extensya's chat tool, and live agent help desk.
* Built custom APIs, including data retrieval from Zendesk, converting object arrays to JSON, and exporting data to Excel sheets (CSV/XLS), preserving special characters and Arabic text via **PHPMAILER**.

**Project Leadership**

* **Headcount Project**:
  + Automated employee database entry by integrating Talent Acquisition and Training tools.
  + Designed forms for managing internal emails and badge IDs, ensuring multi-departmental approval processes.
* **DQMS Library Project**:
  + Developed a **digital library** with a file manager for upload/delete operations and a tree-view structure for file browsing.
  + Enabled in-browser viewing for PDFs, videos, images, text files, and supported Excel downloads.
* **Procurement Tool**:
  + Digitized the company’s purchase order process, transitioning from paper-based to automated workflows.
  + Integrated features like email notifications, personnel validations, digital signatures, and pricing with discount/tax calculations.

**Process Improvement & Automation**

* Streamlined company workflows by creating tools and scripts for editing, debugging, and testing internal systems.
* Enhanced employee productivity with tools like the Procurement Tool, managing requests, approvals, and vendor evaluations.

**Additional Contributions**

* Maintained and upgraded systems such as OMS for employee database and operational management.
* Collaborated on the design and functionality of employee-facing tools to optimize communication and task management.