**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**

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**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**

**MID ERP Full Stack Developer**  
*Syarah* | *December 2023 – Present*

**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.
* **Game Engines:** Unreal Engine, Unity.
* **Operating Systems:** Linux (Kali, Ubuntu, Manjaro).
* **Other Tools:** Docker, Visual Studio.

[**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**: MID - ERP Full Stack Developer  
**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**

**Training & Mentorship**

* Conducted Frappe/ERPNext, Python, and JavaScript training, mentoring team members to enhance technical skills.
* Supervised team members providing guidance and support.

**Development & Implementation**

* Upgraded Frappe/ERPNext from v13 to v15, separating and optimizing a built-in Vue.js application.
* Migrated ERP files to S3, contributed to RDS migration and High Availability solutions.
* Designed a customizable Kanban board and resolved complex related issues.
* Automated Frappe/ERPNext instance setup using Bash scripts for WSL and Ubuntu.
* Created a full document generator for erp from scratch which does the same as [Docmosis](https://www.docmosis.com/).

**DevOps & Infrastructure Management**

* Managed environments for UAT, QA, Preproduction, and Outsourcing pipelines.
* Implemented RDS master-replica mechanisms and resolved load balancer issues for high availability.
* Delivered containerized environments, including the "Syarah Devbox" for streamlined development workflows.

**Leadership & Problem-Solving**

* Acted as team lead during ERP releases, ensuring stable rollouts.
* Resolved critical production issues under tight deadlines, stabilizing environments.
* Conducted code audits, improving quality and consistency.

**Optimization & Innovation**

* Built the Frappe Developer Toolbox, increasing development efficiency.
* Optimized SQL queries for key functions, significantly improving performance.
* Developed pre- and post-migration hooks to index tables, enhancing performance without altering core ERP.
* Created a fully customizable Sync Module for better scalability.

**Additional Contributions**

* Developed QR code batch printing within the erp modules.
* Regularly resolved live production issues using efficient SQL queries or server scripts.
* Shared knowledge via GitHub branches, contributing to the Frappe/ERPNext community.
* Helped and contributed to the docker deployment with fellow collegue.

**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.