Ameer Muavia Shah

Senior Software Engineer | ERPNext / Frappe Specialist
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Profile

Senior Software Engineer with 5+ years of professional experience and 3+ years in ERPNext & Frappe development, specializing in SaaS ERPNext environments, multi-tenancy, and scalable architectures. Proven track record in custom ERP solutions, API integrations, Linux server administration, and bench management. Adept at system optimization, deployment automation (CI/CD, Docker), and leading end-to-end ERP implementations. Passionate about Agile methodologies, mentoring teams, and building high-performance, secure ERP platforms.

Core Skills

• Programming: Python, JavaScript, SQL
• Frameworks: Frappe, ERPNext
• DevOps & Tools: Linux, Bench, GitHub, Docker, Deployment Pipelines, REST APIs, Jira
• ERPNext Expertise: SaaS setup, Multi-site environments, Custom Apps, Module Development (HR, CRM, Accounting, Sales, Projects, Healthcare, HRMS, Buying & Selling)
• Other: Agile/Scrum, System Architecture, Backup & Recovery, UI/UX Customization

Professional Experience

Senior Software Engineer – MicroMerger

Feb 2024 – Present | Islamabad, Pakistan
• Designed and deployed SaaS-based ERPNext solutions with multi-tenancy & subscription management.
• Led ERPNext-focused implementations including:
– 4 HRMS systems
– 2 Accounting implementations
– 3 Buying & Selling solutions
– 3 Healthcare systems
– Several other ERPNext deployments tailored to diverse industries.
• Managed Linux server administration, bench setups, and automated deployment pipelines.
• Integrated ERPNext with external systems (payment gateways, e-invoicing APIs, third-party apps).
• Optimized server performance, ensuring scalability, security, and high availability.
• Mentored junior developers and provided technical guidance & documentation.

Senior ERPNext Developer – Pukat Digital

Jun 2023 – Jan 2024 | Lahore, Pakistan
• Delivered bespoke ERPNext applications across multiple industries, improving automation and workflows.
• Deployed ERPNext solutions across 4 international sites, ensuring stability and compliance.
• Conducted technical training workshops for client teams.
• Authored comprehensive technical documentation and user manuals.

Associate Software Engineer – MicroMerger

Aug 2021 – Jun 2023 | Islamabad, Pakistan
• Implemented 5+ ERPNext projects, customizing modules (HR, Accounting, CRM, Sales).
• Built dashboards and reporting tools to visualize complex business KPIs.
• Created workflows, SRS, and system design documents.

Junior Programmer – D-Biz Solution

Oct 2020 – Jul 2021 | Islamabad, Pakistan
• Captured and analyzed business requirements for ERP systems.
• Designed custom workflows and SRS documentation for multinational firms.

Education

BS Computer Science – International Islamic University Islamabad (2019)