

MAHMOUDREZA ABBASI

Toronto ON

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Summary

Highly skilled Full-Stack Software Developer with 15+ years of experience in designing, developing, and maintaining complex software systems. Proven ability to deliver high-performance solutions across various technical environments. Possesses exceptional problem-solving skills and thrives in collaborative work settings. Eager to leverage expertise in emerging technologies to contribute to a dynamic and innovative team.

Technical Skills

- **Programming Languages:** PHP, Python, SQL, XML, HTML, CSS, JavaScript, jQuery, NodeJS
- **Web Technologies & Frameworks:** Laravel, Livewire, Bootstrap, Tailwinds, React
- **Databases:** MySQL, PostgreSQL, MS SQL Server, MongoDB, Redis
- **System Administration:** Apache, Nginx, DNS (BIND, PowerDNS), Email (Postfix, Zimbra), Docker, VMware Virtualization, Veeam Backup, Git
- **Scripting Languages:** Perl, Bash, Python, PHP
- **Reporting Technology:** Crystal Reports, Jasper Reports

Professional Experience

- **Full-Stack Software Developer & Technical Supervisor | 2018/04 – 2024/02**
(Iranian National Center for Registration of Domain Names)
 - **Technical Environment:** PHP, JavaScript, HTML, CSS, Laravel, Livewire, MySQL, Galera, JWT, Bash, Git
 - Successfully modernized IRNIC's domain name management system, migrating from legacy technology to a high-performance solution.
 - Developed a new website using Laravel and MySQL to automate domain purchasing, user registration, and scheduled DNS updates.
 - Enhanced system scalability and reliability by implementing a three-node MySQL cluster and replacing outdated templating methods.
 - Consolidated backend scripts for streamlined maintenance and improved efficiency.
 - Developed web-based software for user authentication and authorization based on residency status.
 - Implemented 3rd party API service monitoring using Laravel.
 - Supervised the performance of a software development team and ticketing system.
 - Improved performance and resolved software issues for the domain registry support team.
- **Technical Supervisor & Service Provision/System Maintenance | 2014/04 – 2018/04**
Tehran University of Medical Sciences (TUMS)
 - **Technical Environment:** Apache, Nginx, VMware Virtualization, DirectAdmin, Plesk, Veeam Backup & Replication, Postfix, Roundcube.
 - Oversaw critical aspects of the organization's technological infrastructure as IT Team Supervisor.
 - Documented, configured, optimized, updated, and maintained various services including web hosting, email, FTP, and file sharing.
 - Managed and maintained virtual infrastructure using VMware.
 - Scheduled offline backups of virtual machines using Veeam Backup & Replication.
- **Supervisor & Software Developer | 2012/04 – 2014/03**
JAHANPARS Co. (General Contractor)
 - **Technical Environment:** VMware Virtualization, Windows Web Hosting (IIS), Exchange Email Service, Microsoft DNS Server, Wireless Antenna, UML, VB.NET, Crystal Reports, MS SQL Server, Active Directory.

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- Designed and developed a network-based inventory management application using VB.NET, MSSQL Server, and Crystal Reports, significantly optimizing warehouse processes.
- Documented, configured, updated, and maintained JAHANPARS Co.'s active services including web hosting, email, FTP, and file sharing.
- Managed and maintained virtual infrastructure using VMware vCenter and ESXi.

● **Software Developer** | April 2001 – December 2006

Ministry of Science, Research and Technology (MSRT)

- **Technical Environment:** SSADM, Visual Basic, Crystal Reports, MS SQL Server

Developed a centralized, network-based automation system to streamline the official business workflow, utilizing VB.NET, MSSQL Server, and Crystal Reports.

Education

- B.Sc. in Computer Science | 2011 | Pune University, Pune, India