

# **Ehsan Bahrami**

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## **Summary**

Detail-oriented and dynamic Full Stack Web Developer with a comprehensive background in computer software engineering. Proficient in both front-end and back-end development technologies. Delivered high-quality products within tight deadlines. Equipped with extensive experience in designing, developing, and deploying innovative software solutions across diverse industries. Special expertise in assessing risk and translating innovative ideas into technology solutions. Highly motivated and self-directed, with a proven track record of creating Schoolware LMS as an entrepreneur. Adept at collaborating with cross-functional teams to drive project success and exceed client expectations. Skilled in problem-solving, continuous learning, and staying abreast of emerging technologies to ensure cutting-edge solutions.

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## **Education**

### **Master of Science - MS, Computer Software Engineering**

Shahid Beheshti University | 2015 – 2017 | 19.71/20

### **Bachelor's degree, Computer Software Engineering**

Shahid Beheshti University | 2010 – 2014 | 15.31/20

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## **Skills**

Python, FastAPI, Django, JavaScript, Next.js, React.js, PHP, Laravel, MySQL, PostgreSQL, Tailwind CSS, Livewire, alpine.js, Docker, SQLAlchemy, Full-Stack Development, Back-End Web Development, Front-End Development, RESTful, Responsive Web Design, Learning Management System, Software Development, Software Testing, Computer Networking, Content Management Systems, Design Patterns, Microsoft Visual Studio, Android, C#, C++, Assembly Language, Adobe Connect, Big Blue Button, Teaching, Web Development, Web Design, Adobe Photoshop, Adobe Illustrator, Microsoft Office, React Native, Git, Gamification, DevOps, CI/CD, Linux, Windows, Yii, HTML

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## **Experience**

### **CEO & Founder | CodeVeb | Feb 2011 – Present**

- Developed, deployed, and maintained Schoolware LMS (Learning Management System) applications as the main CodeVeb company product.
- Led a team of 11 direct developers.
- Scaled Schoolware applications that serve 528 schools, 150,000 concurrent users, and 1,900,000 registered users.
- Maintained applications for more than 8 million of hours online classes.
- Improved MySQL queries to increase performance.
- Migrated development framework from Yii to Laravel.
- Developed React Native mobile application Integrated with Schoolware LMS.
- Developed Android mobile application with Java Integrated with Schoolware LMS.

- Developed RESTful API in the PHP and Python web applications.
- Integrated Schoolware applications with legacy apps.
- Recorded 1246 hours of tutorial videos about Schoolware applications.
- Integrated different online class platforms like Adobe Connect, Big Blue Button, Skyroom, etc., with our Learning Management System.
- Applied TDD (Test-driven development) in Schoolware applications.
- Designed 472 educational responsive websites with Bootstrap, Tailwinds, etc.
- Used popular design patterns like Observer, Repository, Service, etc. in web development.
- Applied CI/CD and DevOps methodologies in Schoolware applications.
- Increased overall user satisfaction to 97 percent in 14 years.

#### **Software Development Consultant and Mentor | Self-employed | Dec 2010 – Present**

- Helped 53 software engineering companies in the fields of Education, e-commerce, health, etc., as a software engineering consultant.
- Mentored 1051 developers from junior to senior level.

#### **Senior PHP Developer | Negaran Systems | Jan 2012 – Feb 2013**

- Developed an e-commerce web application as a senior backend developer.
- Integrated the backend to UI that was developed by the frontend team.

#### **IT Manager | Salam high school | Oct 2010 – May 2012**

- Supported 9 websites.
- Worked as the network administrator of 108 desktop computers in educational institutes.
- Extracted Learning Management System requirements (LMS).

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### **Languages**

English - Intermediate | Persian - Fluent

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### **Licenses & certifications**

- CompTIA Network+ | Institute of Technology (MFT) | 2012
- PHP | Institute of Technology (MFT) | 2012
- Master Certified Web Professional - Designer (CWP) | Institute of Technology (MFT) | 2011

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### **Publications**

- Analysis effect of the point on user engagement in the gamified learning management system | ITMANC05 | Nov 2017
- Leaderboard and user engagement in the gamified learning management system | DGRC | Nov 2017

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### **Honors & awards**

ITManC05