HamidReza Abdi

CTO - PhD Student

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Personal Information

Full Name: HamidReza Abdi

Birth Date: 27/10/1989

Languages: Persian & English

City: Tehran

Country: Iran

Bio

Since childhood, I have been deeply fascinated by computers and the logic behind them. This passion led me to pursue Software Engineering at university, where I discovered that programming is not just about writing code—it is about solving real-world problems through creativity and structured thinking. Over the years, I have constantly evolved, learning modern technologies, collaborating on impactful projects, and turning challenges into opportunities for growth. Today, my childhood curiosity has become a fulfilling profession, and I continue to build software that makes a difference with the same enthusiasm that sparked my journey.

Work Experience

CTO
Ziyabi Industry Leaders | 2024 - Present

CTO
Sushyans Software Control | 2019 - 2024

Software Developer
Fanavaran Danshger Company | 2014 - 2019

Software Developer
Information System Iran Company | 2012 - 2014

Working Experience

- Published multiple mobile applications with over 1,000,000+ active users on Google Play Store and Apple App Store.
- Educational Content Publishing & Sales Platform
- Integrated ISO Management System
- Develop "Online Judge" for local ACM competition in Kashan University 2010.
- Develop "Online Payment" and "course pre reserve" for student portal of Kashan University 2011.
- Develop "IDS Software for Scada" from M.S. Thesis 2014
- Developed an online beauty salon booking system with smart search and scheduling.
- Develop "Internet Voting" for Ministry of Health and Medical Education
- Fair knowledge of Linux Operating system (centos, Ubuntu), Windows Server, windows
- Fair knowledge of HTML5, CSS3, Bootstrap, JavaScript ,Type Script , Angular, React, Redux, Jquery, Yarn
- Fair knowledge of Spring Boot, Spring Security, JavaLite, Netflix Oss ,consul , Gradle, Maven, Thymeleaf, Freemarker, JasperReport, jhipster, Tomcat, Quartz
- Fair knowledge of ORM, Hibernate, JPA, Querydsl, Liquibase, Mysql, mariaDb, Postgres, MS SQL, Oracle
- Fair knowledge of Docker, Kubernetes, AWS, ESX6, vSphere, vCenter, MikroTik
- Fair knowledge of SVN, Git, IntelliJ, Android Studio, Eclipse, Microsoft Visual Studio, Visual Studio Code, Qt Creator
- Fair knowledge of Microsoft Office (Word, Excel, PowerPoint, Access), Microsoft Visio, Visual Paradigm, Understand

Skills

Flutter - Dart 95%

PHP 95%

Java (Android, Spring boot, javalite) 90%

C Family(C#, C++, C) 85%

Angular 2+ 80%

Web Technology (HTML, Javascript, JQuery, CSS, Bootstrap) 80%

SQL (HQL) 80%

Node.js 60%

Python 40%

Education Attended

Computer Engineering

Iran University Of Science And Technology | 2014 - present

Doctor of Philosophy, Software Engineering, Iran University of Science and Technology , Tehran, Iran

Computer Engineering

Sharif University Of Technology | 2012 - 2014

Master’s Degree, Software Engineering, Sharif University of Technology, Tehran, Iran

Computer Engineering

University Of Kashan | 2008 - 2012

Bachelor of Science, Computer Engineering (Software Engineering), University of Kashan, Kashan, Isfahan, Iran

Highschool

Mohtashami High-School | 2007

High-School Diploma, Major: Mathematics and Physics, Mohtashami high-school, Kashan, Isfahan, Iran

Research Experience

- Ph D Thesis: A Compositional Modeling Framework Based on Multi-Formalisms for Hybrid Systems, 2017, under the supervision of Dr. Abdollahi Azgomi.
- M.S. Thesis: a formal method for intrusion Detection in Scada systems, 2014, under the supervision of Associate professor Dr. M. Izadi.
- B.S. Thesis: Image Processing in Android Device by OpenCV, September 2012, under supervision of Dr. Faraji.

Teaching Experience

- Teaching Assistant to Dr. Abdollahi Azgomi in the course of "Software Testing" Computer Engineering Dept, Iran University Of Science And Technology
- Teaching Assistant to Dr. M. Izadi in the course of "Theory of distributed Systems" Computer Engineering Dept, Sharif University of technology
- Teaching Assistant to Dr. Goli in the course of "Algorithm and Data Structure" Computer Engineering Dept, University of Kashan
- Teaching Assistant to Dr. Ghanbari in the course of "Compiler" Computer Engineering Dept, University of Kashan
- Teaching Assistant to Mr. Haghparast in the course of "Basics of Programming" Computer Engineering Dept, University of Kashan
- Teaching "PHP Programming" Course in Kashan University.
- Teaching "Android Programming" Course in Kashan University.

Honor & Awards

- Ranked 22nd in Iran's "National Entrance Examination of Universities" in software engineering among more than 2,500 participants for PhD entrance.
- 'A' student with total average of (17.91 / 20) in Master's degree Faculty of Computer Engineering, Department of Engineering, Sharif University of Technology, Tehran, Iran.
- Ranked 26th in Iran's "National Entrance Examination of Universities" in Algorithm
- Ranked 95th in Iran's "National Entrance Examination of Universities" in Artificial Intelligence
- Ranked 35th in Iran's "National Entrance Examination of Universities" in software engineering among more than 30,000 participants for Master's degree entrance exam
- Ranked 1st (top student) in Software Engineering with total average of (17.94 / 20) in Bachelor's degree Faculty of Computer Engineering, Department of Engineering, University of Kashan, Kashan, Isfahan, Iran.
- Achieving score 52 in English Exam of MSRT in August 2016
- Acceptance to national Olympiad in computer engineering in both centralized and decentralized entrance.

Participated Conferences & Workshops

- Participating in 15th Iranian students conference on Electrical Engineering, 2012, University of Kashan
- Participating in software security conference, May, 2014, University of Shiraz
- Accept paper "design intrusion detection systems for Scada Based Model-States" in Shiraz software security 2014.