

Sepehr Sabour

Professional Resume

Contact Information

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Work Experience

- 2015–2016 **Cofounder and Senior Software Developer:** Fandogh Software Group
Fandogh software group was set up by my friends and I in 2014 summer. We applied to the accelerator of Amirkabir University and were accepted. Some of the projects we kickstarted in Fandogh includes Tikio, Baziness, and Chavosh.
I have had the experience of developing mobile apps with React Native since I started Chavosh mobile application project. More information about Fandogh group can be found at <http://www.fandogh.org>
- 2014–2016 **Network Administrator:** Computer Engineering and IT Department, Amirkabir University of Technology
I was CEIT Department's Network Administrator for about two years.
- 2014 **Junior Software Developer:** Rapna (Rayan Pardazan Nikro Emertat)
I was an Android Developer at RAPNA Group. One of the projects I worked on while I was in RAPNA is "Shahrgard Rasht" application.

Education

- 2014–Present **Bachelor of Computer Engineering (IT):** Amirkabir University of Technology
Overall GPA: 16/20 Selected GPA: 18.75/20
- 2012 **High School Education:** Kamal Highschool, Tehran
GPA: 18.5/20.0

Work Projects

- Mobile Application **Chavosh App:** The project was designed as the official application of Amirkabir University of Technology. My contribution was in developing the mobile application. I Used NodeJS for mobile client back-end on the React Native framework, JSON schemas for saving data, HTML and CSS Property Flex for writing responsive mobile client front-end for all platforms and Mobx for data architecture.

Android Application **Guilan University Application:** The project was designed as official application of Guilan University. My contribution was in developing the mobile application. Used Java for mobile client back-end, JSON schemas for saving data, Retrofit library for HTTP requests handling and Picasso library for image loading management.

Android Application **Shahrgard Rasht Application:** The project was designed as official application of The City of Rasht (Guilan). My contribution was in developing the mobile application. Used Java for mobile client back-end and SQLite for database.

Android Application **Baziness:** An application for interacting with loyal costumers of your business. My contribution was in developing the mobile application. Used Java for mobile client back-end, Retrofit library for HTTP requests and JSON for saving data.
www.baziness.com

Android Application **tikio:** The project was designed as a ticket reservation and selling service, consisting of a website and a mobile application. My contribution was in developing the mobile application. Used Java for mobile client back-end, Retrofit library for HTTP requests and JSON for saving data.
www.tikio.io

Academic Projects

- Python **Artificial Intelligence:** Implementation of an intelligent agent in Pacman AI competition.
- PHP,MySQL **Principles of Database Design:** Design & implementation online market database .
- JS,MongoDB **Principles of Database Design:** Design & implementation IOT platform database.
- Mangeto **Electronic Commerce:** Design & implementation of an online perfume store.
- OpenSSL **Information & Communication Security:** Simulation of encryption algorithms.
- Laravel, PHP, JS, HTML **Internet Engineering:** Implementation of a mail server site using web programming languages.
- C **Operating Sys. Design:** Implementation of process migration on xv6 OS.
- Verilog **Computer Architecture:** Simulating cache memory.
- C++ **Data Struct. & Algorithms:** Design & Implementation of Huffman compression using BST data structure.
- Java **Advanced Programming:** Implementation of a simple strategic game.
- C **Principles of Computer & Programming:** Desgin & implementation of a simple compiler.

Areas of Interest

Mobile App development ,Full-Stack development, Software Development, Startups, IT project management

Research Interests

Internet of Things, Computer Networks, ICT Security

Technical Skills

Languages Used

Java, Python, JavaScript,
PHP, C, C++, HTML, CSS

Technologies

MongoDB, SQLite, NodeJS
Mobix, React-native, Laravel
[Software Packages](#)
Wordpress, Linux, VIM, GIT, \LaTeX

Personal Skills

Quick Learner, Positive Attitude, Full Commitment to work
Team Work, Leadership
Good decision making and analytical skills

Extra-curricular activities

- SSC Elected as the President of Students Scientific Chapter, CEIT Department, Amirkabir University of Technology (Tehran Polytechnic).
- Linux Festival Executive Director of the 8th Amirkabir Linux Festival.
- AUT ICPC Executive Director of the 15th Amirkabir International Collegiate Programming Contest, jointly with KTH - Royal Institute of Technology & Jagiellonian University
- AUT TEDx Executive Team Member of the Amirkabir University TEDx.
- AUT SW Executive Team Member of the AUT Startup Weekend.

References

- Dr. Mehdi Dehghan Professor, Department of Computer Engineering and Information Technology, Amirkabir University of Technology (Tehran Polytechnic), dehghan@aut.ac.ir
- Dr. Masoud Sabaei Associate Professor, Department of Computer Engineering and Information Technology, Amirkabir University of Technology (Tehran Polytechnic), sabaei@aut.ac.ir.
- Dr. Siavash Khorsandi Associate Professor, Department of Computer Engineering and Information Technology, Amirkabir University of Technology (Tehran Polytechnic), khorsand@aut.ac.ir.
- Dr. Mehdi Rasti Assistant Professor, Department of Computer Engineering and Information Technology, Amirkabir University of Technology (Tehran Polytechnic), rasti@aut.ac.ir.
- Dr. Saeed Shiry Assistant Professor, Department of Computer Engineering and Information Technology, Amirkabir University of Technology (Tehran Polytechnic), shiry@aut.ac.ir.
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