

BEHRANG SADEGHI

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PROFESSIONAL SUMMARY:

As an experienced software engineer with over 15 years of expertise in C++, Python, Linux, and SQL, I have a proven track record of delivering mission-critical enterprise projects. My skills in modern languages, object-oriented design, high availability, performance tuning, test automation, analytical thinking, infrastructure administration, agile methodologies, and team leadership make me a valuable asset to any organization. I am a detail-oriented and entrepreneurial-minded professional with a passion for solving complex problems and delivering innovative solutions.

SKILLS:

C++, Python, Linux, Oracle Database, MySQL, Change management, Agile Methodologies, Team Leadership, Project Management, Software Engineering, Process Improvement

WORK HISTORY

Founder & CEO

Millennium of Process – Tehran - Apr 2018 - Present

- Founded and currently lead a financial technology provider company
- Designed highly efficient electronic trading software
- Produced innovative solutions and expert professional services that meet ever-evolving customers need
- Tech stack: C/C++, Oracle database, MySQL, bash script, Python, Angular, Git.

Advisor to the CEO

Iran Currency Exchange – Tehran – Jan 2020 - Present

- Developing official website (www.ice.ir)
- Developing Service bus for disseminating market data to clients
- Day to day tasks as a full stack engineer
- Tech stack: Linux, Python, Angular, MySQL, Fix-protocol, REST, Git

Advisor to the CEO

Iran Fara Bourse Securities Exchange – 2020 (12 mos.)

- Headhunting and Assembling dev. Team
- Align IT related strategies

Chief Technology Officer

Iran Fara Bourse Securities Exchange – Tehran 2016-2020

- More than 70% of my time was in Software development, Process Improvement, Change management alongside with IT management.
- Direct experience and Key responsible of technology in Design, implementation and development of Iran Currency Exchange (ICE) from the very ground.
- lead a team of experts to develop, setup and installation of new trading infrastructure
- Direct experience in Developing of Derivatives Market venue
- Tech stack: C/C++, Oracle database, MySQL, bash script, Python, Angular, Git.

Head of Research & Development

Tehran Securities Exchange Technology Management Company (TSETMC) – Tehran 2008-2016

- Direct experience (Development, Design, project management) in implementation of infrastructure for trade and post-trade operations.
- Extensive experience with developing and managing uninterrupted services with the high levels of system availability, data integrity and security for a strategic finance service
- Leading a multi-team/multi-project team of experts in field of Stock Exchange services
- Project Manager and key developer in implementing national Trade System Project
- Project Manager and key developer in Index calculation and dissemination module on trading core of Tehran Stock Exchange (working from Dec 2015 up to now)
- Project manager, designer and key developer of Surveillance auditing & money laundry intelligent system for Securities Exchange Organization (working from Dec 2016 up to now)
- Project manager, designer and senior developer of Central Market Data Hub system of TSETMC (working from Dec 2015 up to now)
- Project manager in Credit transactions surveillance & auditing system of Tehran Stock Exchange
- Executive manager of Financial Information processing of Iran
- Effective cooperation in implement and internal audit of ISMS standard
- Tech stack: C/C++, Oracle database, MySQL, bash script, Python, Git.

Chief Technical Officer

ILNA (Iranian labor News Agency) – Tehran 2004-2008

- Developed and implemented complex Internet and Intranet high available and high-performance applications.
- Provided consistent monitoring, maintenance, development of bug fixes and patch sets for existing applications.
- Ensured network, system and data availability and integrity through preventative maintenance and upgrades.

EDUCATION:

2018 **Bachelor of Engineering - BE, Computer Engineering**
Islamic Azad University – Tehran central branch
2014 – 2018

Projects:

ICAD (Index Calculation and Dissemination)

This system is calculating all official indices from various types for Iran capital market and is a official reference to disseminate them through the market

HUB2

This system is an enterprise service bus module to transfer, translate and filter intraday and historical market data to registered consumers like data processing firms, fund managers, asset managers and

MOP-Exchange

This is a comprehensive centralized trading engine that covers all order life cycle from trading screens to order management, order matching, clearing.

This is a personal project and all done myself in spare times. The technical stack is C++/Python/Angular/Oracle/Mysql/Linux