Samim Pezeshki

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OBJECTIVE

FOSS activist and advocate. Eager to learn and confront new challenges. Ability to operate as an effective team member and proven ability to read, write and speak English fluently, properly and academically. Worked with different teams over the Internet using different code-sharing tools, version control systems, team organization techniques, online meetings and remote planning.

EDUCATION

Bachelor of Science, Civil Engineering 2009–2012
Master of Science, Software Engineering 2012–present
Concentration: Computer Science
Academic IELTS Grade 7

COMPUTER SKILLS

Languages & Software:
Java for desktop, Web and Android applications,
Qt and CPP for Raspberry Pi and Android devices,
Ruby on Rails as back-end for mobile applications,
Facebook React front end development,
Web development using LAMP stack (PHP, SQL, HTML, JS and CSS),
Web development using different modern CMSs and frameworks (Laravel, Drupal, Wordpress),
Gitlab CI and other continuous integration tools,
Apache Spark, R, MATLAB, Octave and Python for data processing,
Cassandra, Apache Pig, Mahout, Hadoop, Kafka
Docker for development, deployment, automation and testing,
Bash/Zsh for server automation and SSH,
Git, SVN and CVS.
LibreCAD, LibreOffice, LaTeX and Emacs-lisp.
Familiar with MVC and other design patterns,
Fluent in object-oriented design.
Operating Systems:
GNU/Linux (Debian family, Redhat family and ArchLinux)

EXPERIENCE

Web Developer 2016
Fan Azma Gostar, Medical and Lab Equipment

- UI interface design for embedded device (lab equipment) using Web technologies (React JS)
- Protocol implementation for binary communication between the device and JS in browser
- Working under highly constrained environment (low-level server APIs)

Embedded Device Developer 2016
Iran3D, 3D Printer Manufacturing

- Automation of software stack installation and bootstrapping
- UI interface design for embedded device (3D printer) using Qt framework

Android Developer   2016
ClickYab Advertising Agency

- Development of Clickyab advertising platform SDK for Android
- Implementing VAST protocol
- Overcoming SDK challenges such as complete stability, small size and support for all SDK versions

Android Developer   2016
Azmoona Educational Institute

- Development of Azmoona main Android application
- CI and automated testing for Azmoona app

Mobile Developer and Automation Analyst   2014
Karapost International Postal Company

- Developed hand-held and PDA applications on Android platform and Windows CE for autmating different bussiness routines e.a. package pickups, deliveries and location tracking.
- Developed and maintained the back-end cloud-based infrastructure needed for automating and information flow between hand-held devices and the main database server using REST-ful APIs and SOAP Web services.
- Developed nation-wide monitoring platform for tracking and helping the decision making process inside the company considering customer relations and devices on hand.

Business Applications Developer   2013
Senior Developer at Jooyeshgar Inc.

- Designed CI tools and strategies for testing and deployment using Gitlab CI and Docker

- Developed CRM software for business companies based on Web technologies as a back-end infrastructure.

- Developed financial reporting platform for business companies based on Web technologies for using across end customers, managers and staff, from data entry to data warehouse.

- Developed Web based accounting solutions for connecting nation-wide companies.

Assistant Manager   2012
Tehran Elastic Co.

- Helped the company at management level in 'High Technologies Department Building' in the University of Isfahan.

Freelance Web Developer   2011

- Different Web-based solutions as student freelance projects on Ruby on Rails framework and deploying on Linux systems using PAAS technologies.

- Developed Web applications using enterprise PHP frameworks.

FOSS Community Related Works

- Maintaining multiple AUR packages for ArchLinux

- Development, publishing and maintenance of multiple hobby projects on Github for different GNU/Linux distributions

COMMUNITY ACTIVITIES

Active member of *Isfahan Linux User Group*
Participant at *ZConf Open Source Community Conference* 2014, 2013
Talk in Sheikh Bahai University on 'First Hand Experiences in Open Education'
Talk in Sheikh Bahai University on 'Firefox OS'.
Instructor at one-day Linux workshop in Esfahan University
Writer at 'Salam Donya' magazine.
Member of organizer team at Software Freedom Day Festival, Isfahan 2014, 2013
Talk at IsfahanLUG on 'resize2fs'
Talk at IsfahanLUG on 'Terminal Multiplexors'
Talk at IsfahanLUG on 'Open Source Economics'
Talk at BIHE and essay on 'Event-oriented Programming'

CONTACT INFORMATION

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REFERENCES

Available upon request.