Tarek Mizan

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Objective:

- Seeking a senior management role in sofltware systems/IT solutions.

Summary:

- 3+ years of software management experience with large teams with 80+ engineers
- Managed an entire commercialization and R&D lab in a major mobile phone company
- Facilitated scrum teams with agile tools and processes
- 10+ years of back-end development experience with C/C++, Python, bash,
- Experience in Unix systems programming, back-end and mobile App development

Experience:

- **Member of Technical Staff, NetApp, Canada** (Nov, 2017 – Present)
  - 1) Plan and design features for NetApp's scalable storage storage, 2) Conduct project management using agile methods, scrum, 3) Co-ordinate with remote teams.
  - **Tools**: C++/C, Python, gdb, Perforce, Git, UNIX tools
  - **Platform**: Linux/FreeBSD
  - **Project Management Tools**: Jira, Confluence, MS Excel

- **Software Engineer, Cisco Systems, Canada** (Dec, 2016 – Nov, 2017)
  - Develop automation of Cisco's cloud platform for virtual routing services
  - Automation of micro-service deployment, CICD pipeline development
  - Received award for "Excellence in Innovation" in 2017
  - **Tools**: Python, Ansible, Bash, Openstack cli, Kubernetes, Docker, Jenkins

- **Founder/Team Lead of a startup, IBCR**, (Sep, 2015– Nov, 2016)
  - Managed a team of 8 developers to implement taxi dispatch and booking solutions using mobile apps and back-end services.

- **Group Leader, Samsung R&D Institute, Bangladesh** (Jan, 2014 – August, 2015)
  - People manage and software development management for R&D Lab for mobile commercialization for MEA region
  - Big win in delivering one of the Samsung HQ's software project: sync Samsung watch with iOS devices. It brought lots of follow up projects for the R&D lab in Bangladesh.
  - Responsible for entire project life cycle to deliver for the lab
  - Resource planning and execution, monitoring teams, reporting to directors
  - Handle and manage urgent customer issues
  - Performance management and employee evaluation for the direct reports

- **Senior Software Developer, *Citrix Systems, USA*** (Jan, 2011– Jan, 2014)
  Data Center and Cloud Division, (*www.citrix.com*)
  - Design and develop XenDesktop server side on-demand desktops
  - **Tools**: C/C++, Python, Windows PowerShell, mySQL/PostGresSQL, Java, JIRA, git, perforce
  - **Platform**: Linux, Windows

- **Software Developer, *Blackberry Limited*, *Canada*** (Oct, 2008 – Jan, 2011)
  Blackberry Internet Service Department
  - Develop backend-system for Blackberry's calendar synchronization
  - Worked in Blackberry's mail storage system using NoSQL DB, i.e. Cassandra.
  - **Programming/debuggingTools**: C/C++, gdb, ACE Library, Rational Purify, Linux shell scripts, gprof, cppunittest, pyunittest, tcpdump, GNU tools
  - **Platform**: Linux
- **Software Developer, *Platform Computing*, Canada (Dec, 2004 – Sep, 2008)**
  - Design and development for grid and cluster-based batch scheduling middle-ware on different Unix platforms
  - Developed automated test tools for virtual cluster for performance testing
  - **Programming/debugging tools**: C/C++, Unix shell script, awk, sed, gdb
  - **Database**: mySQL, Oracle TimesTen DB
  - **Platform**: Unix, Windows

Education:
- M.Sc. in Computer Science, (2004), University of Manitoba, Canada.
- B. Sc. in Computer Science and Engineering (2000). Bangladesh University of Engineering & Technology

Publication
- T. Mizan and M. Maheswaran, *Coordinated Virtual Partitions: A Resource Provisioning Framework for Grid Applications*, 16th International Conference on Parallel and Distributed Computing and Systems (PDCS 2004), November 2004, Cambridge, Massachusetts, USA

Training
- Software Architecture: Principles and Practices, SEI, *Carnegie Mellon University*, 2010
- Project Leadership, Management and Communications, *McMaster University* and *Nexient Learning Inc.*, October, 2009