Pedram Khoshnevis

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SUMMARY

7 years of professional programming experience and during this time, I have developed countless programs and applications to solve the challenging problems I faced. I am a perfectionist, detail-oriented, and capable of leading a team. In regards to the program developed, I pay special attention to ensure that security, integrity, and efficiencies are maintained while creating a harmonious balance in terms of ease-of-use and user-friendliness. My studies in Computer Science and Management has familiarized me with Customer Relationship Management (CRM), Enterprise Resource Planning (ERP), Project Management, and Business Analysis. I prefer long-term projects over short-term projects and have an entrepreneurial mindset.

EDUCATION

- **University of Seoul**   Mar 2013 – Mar 2015
  Master of Computer Science, Computer Networking.
  Honors in General Scholarship. GPA 95%.
  Publication: An Adaptive Network Coding scheme for unreliable multi-hop wireless networks.

- **University Science Malaysia**   Mar 2007 – Mar 2011
  Bachelor of Computer Science, Distributed Systems and Network Security.
  Minor: Management.

TECHNICAL SKILLS

- **Development:** JavaScript, PHP(Laravel), React-Native, Node.js, MongoDB, Redis, Socket.io, Git, Rest-Full API design, C++, Python.

- **Frontend Development:** HTML, CSS, SASS, Bootstrap, PhoneGap / Cordova, Ionic, Angular.js.

- **Database Management:** MySQL (Atomicity, Consistency, Isolation, and Durability), NoSQL MongoDB, Database ORM, Database Migration and Seeding.

- **Platform Tools:** AWS, EC2, Route 53, AWS Elastic Beanstalk, Elasticsearch.

- **Security:** Public and Private key (SSL), Password Protection (Hash, Salt, Pepper), Security (CSRF Tokens; Cookie Encryption and Decryption, Sessions).

RELEVANT EXPERIENCE

- University of Regina (IT researcher) – Regina, Canada   Apr 2018 – Sept 2018
- Apposha.io (Senior Web Developer) – Seoul, South Korea   Jul 2017 – Apr 2018
- Ubutoday.com (IT Director) – Remote Based   Jan 2014 – Present
- FantaPlan (Web Developer) – Seoul, South Korea   Apr 2015 – Apr 2016
- WebPrinciple (Freelance Web Developer and Designer)   Jan 2015 – Present
- Eyelevate (Web Developer) – Seoul, South Korea   Feb 2014 – Jan 2015

- **Eyelevate:** Developed responsive web applications using the MVC framework Laravel (PHP). Applications were integrated with many APIs and Git was used as the version-control software. Applications server side was developed using Linux, Apache2, MySQL, and PHP (LAMP Stack), and the client side completed using HTML5, CSS3, and JavaScript. During my work at Eyelevate I was officially recognized for providing excellent customer service to our clients.

- **Freelance Web Developer and Designer:** Coordinated and communicated with customers to plan web development projects from concept through completion, utilizing a variety of web development tools and technology.
    - Created complex graphics and professional designs for a variety of businesses, organizations, professionals, and individuals, including custom graphic and logo design.
    - Provided web solutions and developed websites and web applications based on specific business needs for promotions, presentations, customer service, and online services.
    - Managed, maintained and updated existing websites for customers and provided customer service.
    - Ensured all web site development followed W3C web standards and ADA compliance for accessibility and other good practices for web design and development.

- **Ubutoday.com:** I am in charge of all IT related tasks including website development and maintenance. As a group, we acquired a Federal grant to help numerous clients access our services. UBU Today is a non-profit organization that provides education, resources, workshops and access to world-renowned natural techniques as a springboard for renewed personal growth, hope and healing.

- **FantaPlan and Apposha:** I developed an application similar to Amazon Web Services (AWS) to provide a database as a service tool. I developed a Content Management System (CMS) to accommodate such tools. The application was a multi-user platform which familiarized me with server problems such as double spending and databases Atomicity and Consistency properties. Working at Apposha also gave me experience in using AWS tools such as Elastic Beanstalk, Elasticsearch, CloudFormation, and Route53. Throughout my work, we acquired multiple government startup support and venture capital investments.

- **University of Regina (IT researcher):** Providing programming support to the biology lab. Mainly working with computer vision algorithms using C and C++ to create and work with Structure from Motion (SFM) algorithm. Working at the University of Regina has familiarized me with Canadian work culture and ethics.

References Available Upon Request