Ashish Pathak

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EDUCATION

State University of New York at Plattsburgh   Plattsburgh, New York, USA
    B.S., with Adv. Honors, Computer Science   December 2014
    Computer Security Minor
Hesston College   Hesston, Kansas, USA
    Associates of Science, Computer Science   May 2013

EMPLOYMENT HISTORY

Web Application Developer II
University of Virginia School of Medicine
March 2015 – Present | Charlottesville, VA

- Involved in continuous development of enterprise business and workflow application using .NET and other Microsoft Technology.
- Involved in design and development of the School of Medicine Testing System.
- Architect deployment of 200+ websites using staging and production environments.
- Managed continuous integration using GIT on Team Foundation Server and custom deployment scripts for database transfer and code repository.

Store Manager
Fabindia Overseas Pvt. Ltd.
2010 – 2011 | Kathmandu, Nepal

- Managed all aspects of store operations and employees and relation with organizational partners.

RELATED EXPERIENCE

SportsConnect
Multi-platform Social Network Mobile Application
Lead Developer | August 2015 - Present

- Architect technology for development of mobile application.
- Led development as the scrum master for the product development team.
- Designed and developed application for Windows 10 Universal Windows Platform using Azure cloud services, such as Mobile Service and Azure SQL database.
- Design and developed application for Android and iOS using Xamarin C# Platform.

Undergraduate Advanced Honors' Research
Search Engine Optimization for Threaded-Conversation and Personalized Search
2014 | State University of New York at Plattsburgh, NY
Developer, Researcher

- Developed a vertical Search Engine for TuDiabetes.org
- Designed and implemented a web app on a custom-MVC framework in PHP.
- Implemented using Apache Solr with a MySQL backend.
- Wrote a research paper on "Optimization of Search Engine for Threaded-Conversation.

Software with High Reliability Design (SHRD)
Reliable Systems Course
2014 | State University of New York at Plattsburgh, NY

- Designed and implemented a local file query system.
- Implemented components in parallel to achieve high reliability.
- Tested reliability using simulated high failure rate for each component.

Web Crawler and Search Engine Development
Data Mining and Machine Learning Course
2014 | State University of New York at Plattsburgh, NY

- Led project development as part of System Integration team.
- Integrated project modules (Fetching, Parsing, etc.) developed on Java, Python and MySQL based on Apache Lucene.

SKILLS

- HTML and CSS with LESS
- JavaScript, Typescript
- Programming in C and C++
- ASP .NET and C# with MVC
- Visual Studio and VS Code
- TFS and GIT integration
- LAMP Stack with PHP

- Scripting using Perl, Shell and PowerShell
- MySQL, MS SQL Server and SQLite
- Wordpress and Plugins
- VS Team Services
- Apache Lucene, Solr
- Microsoft Office 365

AWARDS

- State University of New York at Plattsburgh Advanced Honors
- Academic Excellence and Outstanding Achievement award
- Computer Science and IT award

Portfolio and blog at http://ashishpathak.io