

SOUGATA DAFADER

AVAILABLE: MAY – DECEMBER 2018

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EDUCATION

Northeastern University, Boston, MA September 2017 - Present
College of Computer and Information Science, GPA:3/4 Expected May 2019
Candidate for a Master of Science in Computer Science
Related Courses: Algorithms, Program Design Paradigms, Information Retrieval, Computer Human Interaction

West Bengal University of Technology, Kolkata, India July 2013
Bachelor of Technology in Computer Science, GPA:3.5/4
Related Courses: Database Management System, Algorithms, Data Structures, Natural Language Processing.

TECHNICAL KNOWLEDGE

Computer Languages: C#, Java, Python, C/C++, PHP, HTML5, JavaScript, CSS3, Flex, Racket
Frameworks: MVC, ASP .NET, J2EE, Entity Framework.
Database: Oracle 10g, MySQL, Microsoft Access, MongoDB
Software & Tools: GitHub, Eclipse IDE, Visual Studio, Sublime Text, Unity, Tortoise SVN.
Certifications: Microsoft Certified Professional (E308-7368),
Microsoft Certified HTML/CSS3/JavaScript Developer (E308-7363)
Development Environment: Agile- Scrum, TDD (test driven development)

WORK EXPERIENCE

Northeastern University, Boston, MA January 2018 - Present
Web Application Developer - RA– College of Arts, Media and Design

- Updating the website using PHP, JavaScript, Css in Wordpress. Migrating the old contents into new website.

Lyfflip, Kolkata, India July 2016 - July 2017
Software Developer

- Created web applications using HTML5, JavaScript, jQuery and Bootstrap based on client requirement.
- Built REST API in Java and facilitated communication between inhouse applications.

Larsen and Toubro Technology Services, Mysore, India October 2013 - June 2016
Software Engineer

- Mentored a team of 3 and developed a dashboard for CNH industrial using AngularJs, Html5, and JavaScript.
- Wrote UNIT Test cases for IOT application created using Java, REST, MQTT protocols; simulated real time objects load in WPF applications developed in C#.
- Re-engineered existing Time-sheet portal for Calsonic Kansei, analysed and plotted graphical data using Telerik in ASP .net C#, garnered new estimation techniques and improved productivity by more than 20%.
- Boosted sales of Danfoss hardware by 12% by developing cross-platform product catalogue application using Adobe Flex.

ACADEMIC PROJECTS

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- Search Engine Design**
Implemented information retrieval systems, built a page rank algorithm; compared performance and retrieval effectiveness.
 - FurnitAR** – Augmented Reality application(IOS/Android)
Developed a marker-less Augmented Reality furniture catalogue application for HackWITus 2017 in C#.
 - Kanjoos** – Cheap and Smart Shopping
Used Google Cloud API, created datasets of prices of items after processing Store receipts.
Submitted for Yhack-2017, at Yale University.

INTERESTS/ACTIVITIES

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- Landscape Photography, creating and editing videos, playing multiplayer online games, reading philosophical novels.
 - Volunteering as a donor at Blood donation camps.