

SOUGATA DAFADER

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Available – May-Dec 2018

EDUCATION

Northeastern University, Boston, MA

College of Computer and Information Science

Candidate for a Master of Science in Computer Science

Related Courses: Program Design Paradigms, Information Retrieval

Projects: **Search Engine Design**

- o Designed and implemented information retrieval systems, built a page rank algorithm and compared the performance and retrieval effectiveness.

FurnitAR -AR application

- o Developed an Augmented Reality application for HackWITus 2017 using C# and KudanAR platform which is a catalogue of furnitures.

Kanjoos – Cheap and Smart Shopping

- o Using Google Cloud API, created datasets of prices of items after processing Store receipts.

The application was created for Yhack 2017 at Yale University. Further implementation pending.

West Bengal University of Technology, Kolkata, India

Bachelor of Technology in Computer Science

Related Courses: Database Management System, Algorithms, Web Development, Data Structures, Natural Language Processing.

Aug 2009 - July 2013

TECHNICAL KNOWLEDGE

Computer Languages:

Java, C#, C/C++, Python, HTML5, JavaScript, CSS3, Flex, Racket

Frameworks:

J2EE, WPF, MVC, ASP .NET, Entity Framework.

Database:

Oracle 10g, MySQL, Microsoft Access, MongoDB

Software & Tools:

Eclipse IDE, Visual Studio, Sublime Text, Tortoise SVN, GitHub.

Certifications:

Microsoft Certified Professional (E308-7368),

Microsoft Certified HTML/CSS3/JavaScript Developer (E308-7363)

WORK EXPERIENCE

Lyfflip, Kolkata, India

July 2016 - July 2017

- o Created web applications using HTML5, JavaScript, jQuery and Bootstrap based on client requirement.
- o Created REST API for facilitating communication between inhouse applications.

Larsen and Toubro Technology Services, Mysore, India

October 2013 - June 2016

- o Designed and developed a dashboard for CNH industrial using AngularJs, Html5, and JavaScript.
- o Developed an IOT application Ubiqwise using Java, REST, MQTT protocols and also developed WPF applications using C# that would run simulations of Objects that are connected with Ubiqwise.
- o Created a Time-sheet web portal for Calsonic Kansei that analyzed and plotted graphical data using Telerik tools in ASP .net C#, which resulted in application of new estimation techniques that increased productivity by 20%.
- o Developed cross-platform product catalogue application for Danfoss using Adobe Flex, which boosted sales by 15%.

INTERESTS/ACTIVITIES

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