

Sagar Panchal

Bloomington, Indiana 47408 | spanchal@iu.edu | (812) 98709-14035
sagarpanchal8793.github.io | www.linkedin.com/in/sagarsureshpanchal

EDUCATION

Master of Science in Computer Science

Indiana University, Bloomington, USA

Expected: May '19

Key Courses: Software Engineering (Agile with Kanban), Artificial Intelligence, Applied Algorithms.

Bachelor of Engineering in Computer Engineering

K. J. Somaiya College of Engineering, University of Mumbai, India

Aug '12 - May '15

CGPA: 3.47/4.00

Key Courses: Object Oriented Software Engineering, Web Engineering, Advanced Internet Technology

Bachelor of Engineering in Computer Engineering

K. J. Somaiya Polytechnic, University of Mumbai (Autonomous), Mumbai, India

Aug '12 - May '15

SKILLS

Programming: C#, PHP, JAVA, ABAP, Visual Basic, JavaScript, HTML, CSS
Frameworks and Libraries: jQuery, Bootstrap, Wordpress
Databases: MySQL, MS SQL, Oracle
Tools: Github

RELEVANT WORK EXPERIENCE

Software Engineer, Larsen and Toubro Infotech (LTI), Mumbai, India

Jul '15 – Jul '17

- Developed web applications in a team of 4 using **C#, .Net 4.0 & Oracle** database that manages the Production History of Oil resources for one of the largest Oil & Gas Company in USA.
- Augmented online application that tracks asset codes, intersections & formations of resources developed in **C# & SQL**.
- Provided **23** profitable process improvements to the project which helped improve work efficiency for clients.
- Assimilated the work of **5 database servers into 1 centralized server** for an Organization wide web based application in **ASP.NET MVC 5 & Entity Framework** which can convert Well-related paper (hard copy) documents into Digital documents that are accessible to other applications thereby providing cost saving of **\$77K** (amount provided by the client).

Web Developer, Imedz Systems Pvt Ltd, Mumbai, India

Jul '14 - Aug '14

- Accomplished an Online Admission System using **HTML, CSS & PHP** at frontend & **SQL** database in the backend
- Optimized the page ranking of the aforementioned application by adding keywords, metatags and provided backlinks for efficient **Search Engine Optimisation (SEO)**.
- Successfully studied a course on "*Basic Orientation to Industry Business Processing using SAP ABAP*" programming language and received an **Appreciation Letter** from the instructor.
- Proved my abilities in **C# 4.0 Programming** by getting certified through **International Knowledge Measurement (IKM)** assessment with **93 percentiles**.

PROJECTS

Gujarati WordNet

Aug '14 – May '15

- A lexical database, that comprises of synsets (sets of synonyms), relationship among these synsets and provides usage examples to understand the context of the word appropriately. Implemented using **PHP, JavaScript & SQL** database.

CellBuster

Dec '11 - Mar '12

- The device detects an active phone from **one-and-a-half meters** of distance to prevent the use of phone in restricted areas like examination halls, confidential rooms, etc. Interfaced the hardware and software using **Visual Basic 6.0**.

PUBLICATIONS

Gujarati WordNet – A Lexical Database

Apr '15

- Published in "*International Journal of Computer Applications*", Volume 116–No.20, ISBN: 973-93-80886-31-9