

Sagar Suresh Panchal

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EDUCATION

Master of Science in Computer Science – GPA 3.8/4.0

Expected May '19

Indiana University, Bloomington, USA

Key Courses: *Software Engineering using Agile Methodologies, Elements of Artificial Intelligence, Applied Algorithms.*

Bachelor of Engineering in Computer Engineering – GPA 3.47/4.0

Aug '12 - May '15

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

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

Diploma in Computer Engineering

Sep '09 - May '12

K J Somaiya Polytechnic, University of Mumbai, VidyaVihar, India

WORK EXPERIENCE

Larsen and Toubro Infotech (LTI), Mumbai, India

Jul '15 – Jul '17

Software Engineer,

Client – Chevron Corporation (USA)

- Developed applications using C#, Dot Net and Oracle database that manages the Production History of Oil resources worldwide.
- Enhanced a well master application to track asset codes, intersections and formations of resources using C# and SQL Server.
- Consolidated the work of 5 remote database servers into a single central database server of auto indexing application built in C# ASP.NET MVC using Telerik UI controls, Entity Framework and MS SQL server thereby providing cost benefits of \$77K.
- Lead, trained and mentored a sub-team of 3 while working on the above project milestone from Sep '16 to Mar '17.
- Improved work efficiency by providing 14 profitable process improvements for managed services.

Imedz Systems Pvt. Ltd., Mumbai, India

June '14 - Jul '14

Web Developer Intern,

- Designed and developed an Online Admission System using PHP, JavaScript, Ajax and MySQL database.
- Optimized the page ranking of the application by adding keywords, metatags and provided backlinks for implementing basic SEO.

TECHNICAL SKILLS

Programming Languages: C#, Python, PHP, Java, JavaScript, jQuery, HTML, CSS

Frameworks and Libraries: Dot Net, MVC, Entity Framework, Telerik UI, Bootstrap, WordPress

Databases: MySQL, MS SQL, Oracle

Version Control Tools: GitHub, Team Foundation Server (TFS)

Project Management Tool: Atlassian JIRA

Certifications: C# 4.0 from IKM, Basic orientation to Industry Business Processing using SAP ABAP programming.

ACADEMIC/PROJECTS

Gamify, Indiana University of Bloomington

Aug '17 – Dec '17

- Developed a social network application for sports enthusiast to collaborate with people of similar interests so that they can either host an event or can meet and play together. It was developed using JavaScript, PHP, HTML, Bootstrap and MySQL database. The application was a project for the course of Software Engineering and it was placed among the top 2 projects in the course.

Image Classification using Supervised Machine Learning, Indiana University of Bloomington

Sep '17 – Oct '17

- Implemented supervised machine learning classifiers like k-nearest neighbors, Adaboost and Neural-Networks in Python for image classification in the course of Artificial Intelligence.

Gujarati WordNet, K J Somaiya College of Engineering

Aug '14 – May '15

- WordNet is 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. Developed using Ajax, jQuery, PHP and MS SQL database.

CellBuster, K J Somaiya Polytechnic

Dec '11 - Mar '12

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

INTERNATIONAL PUBLICATIONS

Gujarati WordNet – A Lexical Database

Apr '15

- Research paper published in “*International Journal of Computer Applications*”, Volume 116–No.20, ISBN: 973-93-80886-31-9, co-authored by Parth Shukla, Piyush Panchal, Jayesh Kolte and Bharathi H N (mentor).

EXTRA CURRICULAR

- Secured a Runner Up trophy in Volleyball Tournament in Skream-15', a State Level Sports Summit.
- Chief of 'Infra and Security' committee for annual technical and cultural festivals during year 2014 -15.