

SAKSHAM SINHA

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EDUCATION

- Trinity College Dublin, The University of Dublin** 2017 - 2018
Master's degree in Computer Science - Intelligent Systems
Core Courses - Artificial Intelligence, Computer Vision, Machine Learning, Deep Learning,
Text Analysis, Knowledge and Data Engineering
- Savitribai Phule Pune University (Formerly known as University of Pune)** 2011 - 2015
Bachelor's degree in Computer Engineering, 64.77% First Class (Distinction at 66%)
- HSC- Delhi Public School CBSE Board** 83.6% Distinction 2010
SSC- Delhi Public School CBSE Board 86% Distinction 2008

EXPERIENCE

- Infosys Ltd.** March 2016 - July 2017
System Engineer
- – **Infosys Training March 2016 - July 2016:** Got trained in Infrastructure Management Services concentrating on Network (IMS-Network), Python, Oracle 11g, SQL, PL/SQL, JAVA, JavaScript, GO, and Software Engineering.
 - **Network Consultant for Swedish client August 2016 - July 2017:** Worked for Infosys client. Responsible for providing L2 network support.

- IIT Bombay, Department of Computer Science and Engineering** July 2015 - January 2016
Research & Development Intern

- – **Lokavidya:** Targeted solution to allow creation and sharing of indigenous information in the form of videos.
- Developed integral components for the lokavidya app which allowed stitching audios and images to a video using native libraries.
- Conducted a study into alternatives for collaborative work in offline/online environment, developing framework for it on the android app and server backend.
- **RuralICT:** Solution which integrates cloud telephony technologies (IVR technologies) and web technologies for providing Rural NGOs with a platform for commerce.
- Designed architecture, interfaced cloud telephony systems, and developed server side using Spring Boot, HTML 5, JavaScript, CSS, Bootstrap, Angular JS, AJAX, Spring data JPA, JQuery, Hibernate. Used MVC architecture for development.
- Developing unit test scenarios for system, and designed and implemented state machine call flows for the IVR.

- Wipro Infotech** May 2014 - July 2014
Industrial Intern

- – **Industrial Training:** I learned about PeopleSoft HCM 9.1, its architecture and usage. I learned about Software Development Life Cycle, policies followed in companies, functional modules of project and some technical implementations and types of documentation.
- **Human Resource Management System for NABARD:** Worked with both functional and technical team in this project. We used PeopleSoft HCM 9.1 for this project which included various models like employee details, salary management, transfers, promotions, appraisals, perks, recruitment, etc.

SKILLS

Programming Languages

C/C++, Python, Java, JavaScript, GIT

Database and Client/Server Technologies

Oracle (SQL, PL/SQL), MySQL

Frameworks, Libraries & Tools

Scikit-Learn, ESC/Java/Spring MVC

PAPER PUBLICATIONS

- **Enhanced image filtering method:** Paper successfully published in International Journal of Scientific & Engineering Research (IJSER), Volume 6, Issue 3, March-2015, ISSN 2229-5518. It is based on my Bachelors project.

BACHELORS PROJECTS

- Developed a new fuzzy filter for noise reduction in PGM images. This fuzzy filter was enhanced using a prototype of an older existing fuzzy filter. We also provided comparative study of our filter with existing and widely used Mean filter and Median filter. Also published a paper for this project

ACHIEVEMENTS, WORKSHOPS AND EXTRACURRICULARS

- Awarded top performer (TPF) by Infosys for excellent performance in training 2016, Infosys Mysore, India
- Attended Machine Learning Summer School 2015, IIT Bombay, India
- Undergraduate Seminar on "Digital Data Storage in DNA" selected among top 5/270, 2014
- Technical Secretary: Elected head of technical festival and activities, 2013, IIIT Pune, India
- 2nd rank in national C-Sector Coding Competition in Dhruva Techfest, 2013, IIIT Pune, India