SHIVENDRA SINGH CHAUHAN

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ACADEMIC PROFILE

QUALIFICATION	INSTITUTION AND AFFILIATION	DURATION	SCORE
Bachelor of Technology in **Computer Science and Engineering**	University of Petroleum and Energy Studies, Dehradun affiliated to University of Petroleum and Energy Studies, Dehradun	2014-2018	2.81/4(76.2%)

PROFESSIONAL EXPERIENCE

Software Engineer—Larsen & Toubro Infotech, Pune—22/05/2018—22/05/2020

- Worked as a FullStack developer.
- Worked on a project which is a predictive defect analytics tool. Used for reducing defect triage. Several different insights are provided like Solution advisor which shows defects based on historical data and provides reduction in the resolution time. It regularly publishes metrics ensuring transparency.
- Have experience in using Apache Lucene for indexing large amount of data.
- Work related to bug fixes and enhancements in UI and core logic
- R & D work for UI enhancements and several new features added in the tool like Defect reassignment, several Stack graphs, Burn downs.
- Enhanced the core logic for wherein Cosine similarity algorithm was used for String similarity

Intern/Trainee— Fulcrum ALM solutions, Gurgaon—May 2017 – August 2017

- Learned about the different phases of the Software Development Life Cycle.

ACADEMIC PROJECTS

Title: Scene classification using Deep Learning **Jan – Apr 2018**

- Objective/Description: Goal was to categorize scene images into a discrete set of semantic classes. Implemented an initial model using SIFT descriptors which resulted in 17% accuracy. Further used Bag of visual words, KNN based classification and SVM based classification. Finally implemented the Alexnet model and Transfer learning to classify images and achieve a 91% accuracy.

Title: Identification of Cancerous Tissues with the Help of Machine Learning **Aug – Dec 2017**

- Objective/Description: Goal was to identify cancerous tissues based on its features. The image of the cancerous tissue was pre-processed using openslide in Python, after that Gaussian filter was applied before canny edge detection. Morphological dilation & erosion were applied. Penultimate step was creating blobs using Laplacian of Gaussian and finally the required blobs were highlighted including the Region of Interest.

SKILLS

- Technical Skills: **Programming Languages (**Python, JAVA, C++, HTML, CSS, SQL**); Tools (**Anaconda Jupyter Notebook, Tableau Public, Eclipse EE, Apache Tomcat, Visual Studio code, SVN); **Frameworks (**Angular, Spring, Hibernate**)**