

Sourav Saha

PERSONAL INFORMATION	Kolkata, India souravsaha1605@gmail.com	+91 8981782777 - LinkedIn Live Resume - Personal Portfolio
CAREER SUMMARY	4 years of professional experience working in Natural Language processing, Data Science and Data Structure. Proposed multiple business solutions to stakeholders as a part of job role and helped developing solution for them. Mentored more than 30 interns in the domain of ML, Website Development, Design and Content Writing in my hobby project.	
PROFESSIONAL EXPERIENCE	Tata Consultancy Services Ltd. - System Engineer <ul style="list-style-type: none">Proposed multiple business solutions as a part of job role and helped developing solution for them.Implemented Named Entity Recognition using LSTM algorithm with TensorflowRecommendation problems using NetworkX and experience working in Grakn graph database.Tag Extraction using LDA, POS, and from front-end using JavaScriptDatasets preparation and implementation of classification and document similarity problemsRelevant search implementation for assets using PostgreSQL.Expert ranking for associates. FusionCharts Technologies Pvt. Ltd., - JS Developer	January 2017 - Present July 2016 - December 2016 <ul style="list-style-type: none">Adding new functionalities to different type of charts and creating new charts based on company requirements.
CERTIFICATIONS	Machine Learning <ul style="list-style-type: none">Natural Language Processing in TensorFlowNeural Networks and Deep LearningTCS Machine Learning E2 competencyBasic Sentiment Analysis with TensorFlowCompare Stock Returns with Google SheetsData Analysis Using PysparkExploratory Data Analysis with SeabornPredict Future Product Prices Using Facebook ProphetThe Data Scientists Toolbox by Johns Hopkins UniversityMachine Learning Foundations: A Case Study Approach by University of Washington	
HOBBY PROJECTS	<ul style="list-style-type: none">Exam Preparation Online (epon.in) - An online portal to simplify the email digest for their daily learning activities on machine learning, sports and technology. It also features interview experiences and success stories in simplified format.<ul style="list-style-type: none">Filter out useful contents, perform tag extraction and broadcast contents relevant to users through email, website and chrome extension.Extract text using tesseract from Images of question papers and segregating them to individual questions after pre-processing.Extract questions from interview experiences, identify unique questions using XGBoost ML algorithm and classify them to corresponding subjects using Ensemble Classification algorithm. Dataset preparation required for performing Ensemble Classification method.Interview experiences to display only required information based on users need like suggestions, technical questions or others200+ Subscribers, 300+ monthly visits, 2K unique visits before interviews, 1.2K Facebook likesGoogle Search Recommendation - Chrome extension to track online activity of user. Visual representation of online activity through charts and recommended links in Google search page based on their past activities.	
SKILLS	Python, Tensorflow, Scikit-learn, Networkx, Grakn graph database, Seaborn, JavaScript, AngularJS	
AWARDS & ACHIEVEMENTS	<ul style="list-style-type: none">Only student to be selected for job in Fusioncharts from on-campus3rd prize in BugSmash coding event in INNOVACION, Tech Fest, IEM Kolkata.Student of the Year Performer Award by college	
EDUCATION	Institute of Engineering & Management , B.Tech., (DGPA) : 8.42 / 10	