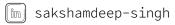
Sakshamdeep Singh

Software Development Engineer





sakshamsds





saksham.sds@gmail.com



+91-6006963809

EXPERIENCE

WIPRO LIMITED | PROJECT ENGINEER - B2

July 2019 - Current | Bengaluru, India

- → Working on Cisco Kinetic Cities. An IoT project in which I work as Java backend
- → Main focus is on modern application development including microservices architecture, distributed computing and low latency messaging applications.
- → Hands-on experience in working on technologies such as Java, Springboot, Python, PostgreSQL, Elasticsearch, Kafka, WSO2, Linux servers.

UST GLOBAL | SOFTWARE INTERN

July 2018 - December 2018 | Trivandrum, India

- → Successfully developed REST APIs using SpringBoot.
- → As a part of the Sentiment Analysis Team, helped in data extraction from facebook and twitter, and learned to analyze sentiments using various approaches.

ULTRATECH LIMITED | RESEARCH INTERN

May 2017 - July 2017 | Reddipalayam, India

→ Ran first-hand study of the industrial cement manufacturing plant and covered processes, applications and automation tools used in the end to end process.

PROJECTS

RESEARCH PAPER IMPLEMENTATION | PYTHON + PYTORCH

March 2019 - April 2019

→ Implemented the following IEEE paper as part of the the NNFL course project. "Facial Expression Recognition Using Weighted Mixture Deep Neural Network Based on Double-Channel Facial Images"

CREATED FAKE IMAGES USING GAN'S | PYTHON + PYTORCH

July 2019

→ Created fake images by implementing GAN's model trained on CIFAR-10 image dataset.

VEHICLE DETECTION WITH YOLOV2 | PYTHON + KERAS

→ Implemented a YOLO model for car detection using dataset provided by drive.ai.

EMOJIFIER | PYTHON + TENSORFLOW

Oct 2018

→ Built two emojifiers that map sentences to appropriate emojis using word embeddings and LSTM.

AWARDS & ACHIEVEMENTS

2020 2015 99.45 percentile

2014 Silver Medal

Best Performer, Wipro Awarded at the end of CKC 5.0 project cycle JEE Mains, among 1.3 million candidates Mathematics Olympiad, School Rank, 2nd

SKILLS

LANGUAGES

Java • Python • SQL • R • C

DATABASES/PIPELINES

PostgreSQL • MongoDB • ElasticSearch • Apache Kafka • RabbitMQ

FRAMEWORKS/LIBRARIES

SpringBoot • PyTorch • Keras • Tensorflow • Numpy • Pandas • Scikit-Learn

EDUCATION

BITS PILANI

B.E.(Hons.) Electronics and INSTRUMENTATION Aug 2015 - May 2019 | Pilani, India Cum. GPA: 5.92 / 10.0

JP WORLD SCHOOL

SECONDARY EDUCATION April 2015 | Jammu, India Percentage: 91.8% | Valedictorian

Coursework

COMPUTER SCIENCE

C Programming • Object Oriented Programming • **Operating Systems**

MATHEMATICS

Mathematics I, II, III • Probability and Statistics • **Number Theory**

ONLINE COURSES

Machine Learning • Deep Learning Specialization • The Analytics Edge

EXTRACURRICULAR

STUDENT MENTOR, NSS

NSS helps in providing hands-on experience to young students in delivering community service.