

# Shivang Kaul

[shangkaul.in](http://shangkaul.in) | [LinkedIn](#) | [+91-9619180009](tel:+91-9619180009) | [shangkaul@gmail.com](mailto:shangkaul@gmail.com)

## WORK EXPERIENCE

### ZS Associates

Pune

Business Technology Solutions Associate

February 2021 – Present

#### Proposal Planning Collaborative Tool:

- Designed and developed backend APIs for a Fortune 500 Pharma client's project to build a proposal planning tool.
- The tool aimed to aid in proposal planning by creating a platform for it and helping the user by providing cost and schedule estimation capabilities.
- **Tech Stack:** NodeJS, ExpressJS, PostgreSQL, Pyspark, Databricks, Airflow

#### A solution to Strategize Product Narratives:

- Engineered backend pipelines for an end-to-end solution involving Data Science and Front-end teams.
- The backend acted as a bridge between the model and the Front end solution.
- The solution is aimed at helping capture and report the general narrative in the market for a specific product (drug).

### ZS Associates

Pune

Business Technology Solutions Associate - Intern

August 2020 - January 2021

#### Tool to Identify Duplicate Studies:

- Designed and developed backend pipelines for the tool to identify duplicate studies from the set of studies already present in the database. The incoming studies were checked for similarity with existing studies.
- Performed analysis and created data cleaning pipelines to enable data scientists to develop the NLP solution.
- The solution helped save **500k USD** in costs per year.

### DRDO

New Delhi

Python Developer - Intern

June 2019 - June 2019

- Engineered a wireless CCTV intruder detection system as a part of a multidisciplinary team.
- Designed the system to detect intruders from images captured via the hardware using OpenCV.

### Crestech Global

Noida

Software Development Intern

June 2018 - June 2018

- Developed a hybrid mobile application using Ionic Framework, NodeJS, and MySQL.
- Designed test cases for the backend APIs and achieved coverage of over 75%.

## PROJECTS

### SRMpedia - Mobile Application

[Link](#)

- Designed and developed a Hybrid mobile application using Ionic Framework and NodeJS to help students settle down on the SRM college campus; Achieved **10,000+ downloads** across Android and iOS devices.
- The initiative was lauded by the Director of the institution and featured on the University's official website.

### Grapido

[Link](#)

- Designed and developed the backend for a seed startup's flagship product - a professional social media application built on the stack - Ionic Framework, NodeJS, MongoDB.
- Assisted in the revamp of the Front end of the app using Ionic.

### Moodbase - Productivity Tool

[Link](#)

- Built an open-source productivity tool in React for tracking to-do lists and important tasks on your browser's home page using React.
- The Tool follows standard UX principles and is published on the chrome web store for public use.

## EDUCATION

### SRM Institute of Science and Technology

Chennai

B.Tech in Computer Science(CGPA: 9.3)

Graduation Date: June 2020

## TECHNICAL SKILLS

**Programming Languages:** Python, Javascript, C++

**Web Technologies:** HTML, CSS, NodeJS, ExpressJS, ReactJS

**Cloud Services:** AWS EC2, Amazon Redshift, S3, AWS Glue

**Databases:** MySQL, PostgreSQL, MongoDB

**Tools:** Pyspark, Airflow, Jenkins, Git, Postman

## Achievements

- **ZS Champions Award** - I was awarded the Project Champion's award for my work in the Product Narratives Medical Affairs Workstream.
- Awarded a letter of appreciation by the Dean of Engineering of SRM University for developing the SRMpedia app and founding the SRMpedia student club.