

# Ramit Koul

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## Relevant Experience

### Business Technology Solutions Associate - Intern @ ZS Associates

Jan 2021 – Present // Gurugram, Haryana

- Worked closely with 2 leading Pharmaceutical clients to develop and optimize their Employee Performance Review Systems and Contest Design Systems
- Collaborated with a team and executed the projects within deadline periods to ensure smooth delivery
- Developed clients' requirements using ZS-based tool Javelin Application Catalyst for UI and Application Development

### Student Software Developer @ CSE Department, TIET

Aug 2018 – Jan 2019 // Patiala, Punjab

- Digitalized the entire evaluation process of the Capstone Project by designing a **normalized database**. Developed and **deployed** a production-ready web app for **800+ users/semester**
- Implemented many features like team registration, mentor and marks assignment, panel creation, and evaluation
- Leveraged Knowledge in web development using **Flask** and **MySQL**, deployment using **Nginx** and **Gunicorn**

### Student Software Developer @ Nava Nalanda Library, TIET

Jun 2018 – Aug 2018 // Patiala, Punjab

- Created a normalized **MySQL** database to store publications, books, and journal data published under TIET
- Designed a web app using the **LAMP stack** for displaying and inserting data used by over **1500+ users/month**
- Leveraged Knowledge in **Database Design**, Team Collaboration using **Git**, and working with **Linux/Unix**

## Projects

### SentiEnt - Product Performance Analyzer

Python, Flask, PostgreSQL, HTML/CSS, Bootstrap

- A web application that allows a user to give insight into a product in the market by calculating **sentimental scores** about the product using the **Naive Bayes algorithm**
- Retrieves comments data from e-commerce websites like Amazon and Flipkart by **web scraping** using the **bs4** library
- Visualizes the data by plotting charts denoting trends of product in the market

### AppCubo - Centralized app feedback

Python, Django, Django Rest Framework, Flask, PostgreSQL, MongoDB

- A web app that enables users to give easy feedback to app developers that include bug reports, update log, feature requests, discovery, and new releases
- Collects app data such as name, developer, icon from 3 major app stores: Google, Apple, and Microsoft Store by **web scraping** using the **bs4 (Beautiful Soup)** library
- Designed **RESTful** backend server and Leveraged **caching** for recently accessed app data

### Wapking.co - Content Downloader

PHP, MySQL, HTML/CSS, SEO, Google AdSense

- Established a website allowing users to download applications, wallpapers, music, and videos from the server having **40k+ average** daily active users
- Incorporated **SEO** into the website. As a result, was on the **top 3 spots** on Google search with the keywords as 'wapking' and 'mp3 songs' from 2013 to 2015
- Maintained the whole **dedicated server**. Leveraged the use of Google **Admob and AdSense** for **advertisement**

### Smart Learning System

Ruby, Ruby on Rails, EEG Sensor, HTML/CSS

- A system developed to extract **EEG signals** to analyze a person's attention while studying

## Skills

### Programming Languages

Python, C++, C, PHP, HTML, CSS

### Libraries & Frameworks

Flask, Django, Bootstrap, Beautiful Soup, Django Rest Framework

### Databases

MySQL, PostgreSQL, MongoDB, SQLite

### Tools & Platforms

Git, Postman API, Linux, Unix, Heroku, Docker, Nginx

## Education

### Thapar Institute of Engineering and Technology

Aug 2017 – May 2021 // Patiala, Punjab

Bachelor of Engineering in Electronics and Communication – CGPA 7.42/10

**Coursework:** Data Structures and Algorithms, Operating Systems, Object-Oriented programming

## Awards & Achievements

### Second Runner Up

2019 // Patiala, Punjab

"Makeathon'19", a 20-hour Hackathon by Microsoft Student Chapter, TIET

### Winner

2018 // Patiala, Punjab

"HackExchange Saturnalia '18", a 20-hour Hackathon by Saturnalia, TIET

### Winner

2018 // Patiala, Punjab

"SourceCode '18", a 12-hour Intra College Hackathon by OWASP, TIET

### Runner Up

2018 // Patiala, Punjab

"Hack'18", a 12-hour Intra-College Hackathon by Creative Computing Society, TIET

## Position of Responsibility

### Joint Secretary

#### Creative Computing Society

- Lead a team of over 150+ members of the biggest and oldest computing society of the college
- Organized events such as Hackathons, Workshops, and fun coding competitions in collaboration with Codechef, GDG Jalandhar, and Coding Ninjas