

# Kavish Boyal

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## Experience

### ASM Technologies LTD

Bangalore, India

#### SOFTWARE ENGINEER

November 2021 - present

- Client: CommScope, Product: Ruckus IoT controller.
- Working as a Full Stack Developer, Tech Stack - Python, MongoDB, Django, DjangoREST framework, React JS, Flask, MQTT.
- Improved Speed of specific tasks using Celery and enhanced User experience.
- Worked on third party integration, Used ReactJS for frontend and Python Flask framework for API designing. Used OpenSSL for certificate generation to establish secure connection between our product and third party vendor.
- Optimized existing MongoDB queries for data filtering of search field in UI.
- Worked on Scale Testing of core APIs and functions of application.
- Worked in a fast paced development environment while solving customer issues.

## Technical Skills

<b>Programming Languages</b>	Python, Java, JavaScript, HTML
<b>Frameworks/Libraries</b>	Django, ReactJS, Flask, OpenSSL
<b>Database</b>	MySQL, MongoDB

## Education

### Indian Institute of Information Technology Kota (IIITK)

2021

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

CGPA: 6.1

## Coursework

<b>Undergraduate</b>	Data Structures and Algorithms, Operating Systems, Computer Organization and Architecture, Data Base Management, Object Oriented Programming, Information System and Security, AI/ML
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## Projects

### PORTFOLIO WEBSITE

- Developed a portfolio website for myself to practice ReactJS and showcase my skills.
- Designed in JavaScript using React JS framework while making use of react hooks, react icons, Bootstrap and Firebase.

### ONLINE BANK SIMULATOR

- Developed a user friendly online Bank Simulator with required banking features like deposit, withdrawal and transactions.
- Designed in Java using concepts of Java Swing, Java AWT and MySQL.

### PRISON MANAGEMENT SYSTEM

- Developed it as part of DBMS course which holds all information about all prison staff, criminals and their crimes. Collected data can be used for analysis.
- This project was designed using HTML, CSS, PHP, MYSQL.

### RECOMMENDATION SYSTEM

- Developed a book recommendation system which uses both content based and collaborative filtering for results and enhances user experience with some extra features like "to read", "to recommend".
- Designed using HTML, CSS, Python, SQLITE3 and DJANGO.

### INSTITUTE WEBSITE

- Designed a website of my institute IIIT Kota as an independent project.
- Fun learning project designed using HTML, CSS, JavaScript.

## Position of Responsibilities

- Led a team of students as Executive Head in Sphinx'2018(Annual Tech Fest of MNIT, Jaipur).
- Led the School Scout Team as School Captain in National Jambooree of Bharat Scouts and Guides (2012, Jaipur).