Kavish **Boyal**

+919079636335 | boyalkavish@gmail.com | kavishboyal.netlify.app | universekavish | kavishboyal

Experience

ASM Technologies LTD   *Bangalore, India*
SOFTWARE ENGINEER   *November 2021 - present*

- Client: CommScope, Product: Ruckus IoT controller. Working as a Full Stack Developer, Teck Stack - Python, MongoDB, Django, DjangoREST framework, React JS, Flask, MQTT.
- Optimized execution time of specific tasks by reducing execution time by 80 % using Celery and enhanced User experience.
- Participated in company yearly hackathon and contributed by sharing idea which got integrated in product and resulted in better customer satisfaction and 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 fast execution and nested fields 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

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

Education

Indian Institute of Information Technology Kota (IIITK)   *2021*
B.TECH IN COMPUTER SCIENCE AND ENGINEERING   *CGPA: 6.1*

Coursework

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

Projects

PORTFOLIO WEBSITE

- Developed a portfoliio 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).