VISHAL KATHPALIA

Bangalore, India

📞 +917404899901   ✉ vishalkathpalia99@gmail.com   in /vishal-kathpalia   ⌗ /vishal-kathpalia

Experience

Tekion Corp   **Jul 2022 – Now**
Associate Software Engineer   *Bangalore, Karnataka*
- Actively contributed to the maintenance of 8–9 microservices using Spring, MySQL, MongoDB, Elastic Search, and Kafka to work on and delivered 15 major and minor features.
- Worked upon writing 3 new microservices from the scratch and changed the architecture of existing workflows of customer communication and printing the PDFs and labels.
- Explored the APIs throughput and worked upon making the APIs more efficient and responsive after analysing and taking some of the sync process in async manner.

Tekion Corp   **Jan 2022 – Jul 2022**
Associate Software Engineer Intern   *Bangalore, Karnataka*
- Explored the design of recruitement portal and worked upon writing the recruitment portal of tekion from backend for talent acquisition team.
- Worked upon writing the APIs of tekhire using Spring Framework, Elastic Search and Kafka.
- Contributed in writing the migration APIs in batches to migrate the existing data from old greenhouse portal to tekhire portal and made the onboarding smooth for HR team.

Education

Lovely Professional University   **Aug 2018 – May 2022**
B.Tech in Computer Science and Engineering   *Phagwara, Punjab*

Swami Vivekanand Public School   **Mar 2003 – Aug 2018**
XII-(CBSE)   *Yamuna Nagar, Haryana*

Skills

- Data Structures and Algo
- Kafka
- Spring Framework
- Database Management
- Elastic Search
- OOPS concepts
- Java Programming
- MongoDB & MySql

Projects

URL Shortener | *Spring, MongoDB*   **March 2022**
- Developed an application used to generate url shortener using Spring Framework, REST APIs with mongodb database.
- Explored the google guava library in gradle to generate the unique hash code and save in the MongoDB database.
- Added an privacy feature in the URL shortener so people can share the private link after adding a password.

Speech Recognition Software | *Python, SpeechRecognition*   **November 2019**
- GUI-based programme that functions similarly like Microsoft Cortana. It has many sections and functions as a computer's assistant. People can control the computer using Speech.
- Explored the SpeechRecognition, Pyaudio, and Pyqt5 packages of python to develop this project.

Servo Door Lock System with Keypad and Bluetooth Android App | *IOT, Arduino UNO*   **February 2019**
- IOT project that can be used for security purpose in which door can be unlock by password using keypad.
- Hardware project in which Servo motor, Manual keypad, Arduino UNO, Display, Buzzer, Lights has been used to develop the project and sdded a functionality to control the door lock system using mobile application.

Technical Skills

Languages: C, C++, Java, Python, R programming
Developer Tools: IntelliJ IDEA, Eclipse, Jira, Confluence
Technologies/Frameworks: Spring Boot, Linux, Elastic Search, Kafka

Academics / Extracurricular Achievements

GeeksForGeeks Self Paced Data Structure Course   **DS-Algo**
- Learned Data structures and algorithm concepts using C++ and solved the problems.

Won the First Prize In Science Exhibition   **Science, Physics**
- Build the Tesla Coil project and represents the school in science exhibition.