

BIRENDER PRATAP SINGH

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EDUCATION

Degree:

BE in Electrical and Electronics Engineering from New Horizon college of Engineering, Bangalore affiliated to Visvesvaraya Technological University, Belagavi in 2016-2020 with 60%.

Higher Secondary:

12th from KV MEG & Centre CBSE board in 2015-2016 with 64%.

PROFESSIONAL SUMMARY

- Designed two mini projects for academics and submitted same to college.
- Currently working on personal project(Web Application).
- Good knowledge of Java, SQL, C/C++, and **Spring**.
- Understanding of Build Automation Tool Apache **Maven**.
- Good understanding of Version Control System (**GIT**).
- Good Knowledge of object relational mapping (**MyBatis**).
- Understanding of Linux commands and OS.

SKILLS

- Java
- HTML & CSS
- JavaScript
- C, C++
- MySql
- Core Spring
- GIT
- Maven
- MyBatis
- XML, JSON

EXPERIENCE

Junior Software Developer

QUAATSO TECHNOLOGIES PRIVATE LIMITED, NEW DELHI | MAR 2020 – PRESENT

- Involved in the complete development, unit testing, and maintenance process of the application.
- Used Java technology stack for building a web application.
- Designed and developed front-end screens using **HTML & CSS** and validated forms using **JavaScript**.
- Used **AJAX** for exchanging data with the server and update UI after Ajax response.
- Used **Spring Annotations**(@Entity, @Table, @Column) for Data mapping with SQL.
- Used **Spring Framework and Vaadin** as the backend technology for web applications.

PERSONAL PROJECT

INQUEST (Q & A System For College) | JUL 2019 – FEB 2020

• **Description :** Q & A system is a web-based application which will provide question posting facility to both students and teachers. This system will act as open forum for posting questions on any topic. Student can post their queries and any other student or teacher can resolve them. It will also provide grouping facility to create a group of students for their group study and content sharing.

• **Technology :** Java, Spring, Mysql, HTML, CSS, AWS

Responsibilities :

- Designing each and every component of this system
- Managing of servers on AWS cloud
- Working and managing other team members of the project

Academic Projects

Project - 1 : Object following robot using Arduino | 2Months

Description : The objective of this project was to make a motor driven car to follow a specific object when it comes in the range of IR sensors.

Tools used :

- ATmega 328p
- IR sensors
- Motor car

Project -2 : Density based traffic controller system | 2 Months

Description : The objective of this project is to count the number of vehicles on the two given roads and road which has more number of vehicles the traffic signal light will automatically turns green in colour.

Tools :

- ATmega 328p
- LED
- Voltage regulator

Achievements

- Represented KVS Bangalore, at School Games Federation of India(SGFI)
- Represented KVS Bangalore, three times at National Sports Meet Athletics

Declaration I hereby declare that the information furnished above is true to the best of my knowledge.