

SUMIT KUSHWAH

Java Fullstack Developer

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Summary:

Java Full stack Developer with over 4 years of experience in developing web application.

Career Objective:

Looking for an organization which will help me to explore my talent, hone my skills and utilize them in the best possible way for the attainment of their goals

Academic Credentials:

Examination	Year	Percentage	Institution	Board/University
B.E. (Computer Science & Engineering)	2013-2017	73.80%	Samrat Ashok Technological Institute, Vidisha	R.G.P.V. Univ. Bhopal
Higher Secondary	2012	76.40%	Tulika Convent H.S. School, Morena	M.P. Board of Sec. Education, Bhopal.
High School	2010	76.16%	Tulika Convent H.S. School, Morena	M.P. Board of Sec. Education, Bhopal.

Skills:

- **Programming Language:** C, Java, Python.
- **Technology Framework:** Spring Boot, Micro Services, Node JS, Angular, AngularJS, Bootstrap.
- **Database:** MySQL, Postgres.
- **Emerging Technology:** Docker, GIT, Virtual Machine, postman, GitHub.

Work Experience (Nov2019-Till Now)

- **Project Assistant (CSIR National Physical Laboratory New Delhi)**
Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center
- Configuration of DHCP Server on window and Ubuntu for timing laboratory.
- Technology and skills used are java, Spring Boot, Nodejs, Postgres Database, MongoDB, Bootstrap, HTML, CSS, Java Script, Linux, C, Socket Programming, Network Time Protocol (NTP) and Python and IoTs (Raspberry Pi).
- Design and develop the REST using the Spring Boot, Spring Data with JPA.
- Design and develop Spring Apache based Microservices.
- Developed a Web Time Display website in java using Spring Boot and angular for frontend.
- Creation of compact device of HROG AND TIC for ease of portability and low-cost device.
- Analysis of time transfer through fiber cable using White Rabbit Technology in Different climate condition.

Projects & Training:

- **Industrial Training: Oracle 11G:**
Oracle database (Oracle DB) is a relational database management system (RDBMS) from the Oracle Corporation
Implementing Database design using Oracle 11G (Query, Retrieve DB, Function and Joins, Sub Queries, Table Creation, Database Maintain, Indexes, Views, Transaction)
 - **Project: Web time Display**
Developed a Web Time Display web application in java using Spring boot and for the frontend, angular was used. which displays Indian Standard Time traceable to CSIR NPL atomic clock with an accuracy of a millisecond.
- Project: Software for remote transfer for GNSS receiver data through a Restful API.**

This innovative solution has been carefully crafted to enhance time synchronization procedure and bolster monitoring capabilities. In this application we have used JAVA Spring Boot for Backend API, Angular is used for frontend, Postgres is used for database and Hasura is used for Database migration and Administration utility.

Subjects of Interest:

- Data Structure,
- Algorithm,
- DBMS,
- Computer Network.

Certification:

- Presented a poster in 11th international conference on “advance metrology” (AdMet - 2022)
- Certified in (programming, Data structure and Algorithm) in **NPTEL Online Certification Courses** (Jan to Mar 2016).
- Certified in **Online Coding Contest** (Anecode 0010).
- Certified in **The TCS Global Coding Contest** (Codvita-5)