Shivank Mathur

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Linkedin

Education

- **The LNM Institute of Information Technology**   **Jaipur**
  B. Tech: Electronics and Communication Engineering;   CGPA: 7.47   2017

- **Gyan Vihar**   **Jaipur**
  Senior Secondary Education C.B.S.E.   CGPA: 86.6%   2013

- **Gyan Vihar**   **Jaipur**
  Secondary Education C.B.S.E.   CGPA: 9.6   2011

Experience

- **Sapient Global Markets**   **Gurugram**
  Associate Technology Level 1   Oct'17 - Present
  - Three-month training in full stack technology. The training content included HTML5, CSS3, JavaScript, React-Redux, Hibernate and Spring-Boot.
  - Currently part of a team working on the development of banking portal for a leading hedge fund management bank of USA, using React, Swing, Java, Sybase and Oracle.
  - Part of project for automating task tracking and alteration (JIRA) using ChatBot, which interprets intents of the user using NLP and machine learning.

- **Arcelor Mittal**   **Temirtau**, **Kazakhstan**
  Summer Intern   May'16 - Jun'16
  - Part of the team assigned the task to create a full working network supporting 5000 computers. Worked on deploying Active Directory policies and setting up Exchange server to start mailing services within the network.

  - The Network system created was then used in connecting various Workshops at Arcelor Mittal Steel plant at Temirtau.

- **A3Logics**   **Jaipur**
  Summer Intern   May'15 - Jun'15
  - One-month training to learn the basics of JAVA application. At the end of the training submitted a JAVA applet project use for maintaining records of the patients according to their time of admission, age, type of disease, their billing history etc. Database Management was applied using SQLite.
  - The Desktop app was then used to maintain the Hospital Records for a local Hospital.

Projects

- **Metallica App**   **Jan'18 - Feb'18**
  - Worked on creating a Web Application Handling Trade creation, editing and deletion for a certain user.
  - The Project was completed using React with Spring MVC using Zuul for dynamic routing and gateway, with Oracle as our database and RabbitMQ as our messaging service and web-socket for UI notification.

- **Automated Distributed Storage and Distributed Computing**   **Jun'16 - Jul'16**
  - Worked in Apache-Hadoop (v1.0) framework to perform Distributed Storage and Distributed Computing on large datasets using Computer clusters.
  - Studied the Mapper and Reducer concept and automated the whole process of installing and managing a Hadoop cluster in a web application with Python scripting.

- **RFID Bus Pass System using AtMega 16**   **Jan'16**
  - Using AtMega 16 microprocessor and EM 18 RFID reader module, completed a project to maintain a Database and use the college ID cards as bus pass.

- - Time class was also imported which was used to survey at what time periods the buses were required more. SQLite was used for Database Management.
- **Intelligent Refrigerator** **Dec'15**
  - As part of the workshop organized by Texas Instrument, developed a device using Beagle Bone Black, various pressure sensors and software including Python, to gather data inside the refrigerator and process the data to provide required notifications.
  - The aim of the project was to notify the user about the food recipes he can make based on what items are available, items that are expired or the ones that need refilling. For this purpose, food items were assigned particular space, weight and time of expiration.
- **Hospital Register Management Using JAVA** **May'15 - Jun'15**
  - One-month training to learn basics of JAVA application. At the end of the training submitted a JAVA applet project use for maintaining records of the patient s according to their time of admission, age, type of disease, their billing history etc.
  - Database Management was applied using SQLite.

Skills

- **Front End Web Development**:   React, HTML, CSS, JavaScript
- **Database**:   MySQL, Oracle, PLSQL
- **Java Technology**:   Java Servlets, JMS, JDBC
- **Java Frameworks**:   Spring MVC, Hibernate, RabbitMQ, Mockito

Accomplishments

- National Talent Search Examination (NTSE) Scholar. It is one of the most prestigious scholarship exams in India.
- Finance Co-coordinator for Sports in the student body at The LNMIIT.
- Head Boy at GYAN VIHAR during the year 2012-13.

Workshops

- Attended workshops on Machine-Learning held at Central University Rajasthan Ajmer.
- Attended workshop held at Linux World Jaipur on Hadoop in which we were taught regarding Mapper Reducer concept