



Vivek Lata

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Computer Science and Engineering

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EDUCATIONAL PROFILE

B.Tech	IIT Jodhpur	7.71/10	2013-2017
Class XII, RBSE	Adarsh Vidya Peeth, Sardarshahr (Raj.)	90.20%	2012
Class X, RBSE	Bal Mandir, Sardarshahr (Raj.)	90.33%	2010

WORK EXPERIENCE

Internship at National Stock Exchange(IT) (May'16 - July'16)	<ul style="list-style-type: none">Worked on a cross platform mobile application for HDFC ergo Agency management System. The application is basically for the agents, who sell insurance policies.Designed cross domain Ajax requests to retrieve data from web services.Implemented xml data parsing to read the data, provided by SOAP APIs.Tools - SOAP, Apache Cordova.
Founding Member of BlickBee (May'15 - Aug'15)	<ul style="list-style-type: none">Conceptualized, designed and developed an Android app for online grocery store.Managed the project as Backend developer.Designed a secured ecommerce database and created web APIs for all the queries given by user.Tools - PHP, MySQL.
Internship at PustakKosh (Dec'15 - Jan'16)	<ul style="list-style-type: none">Constructed a web module which can handle ecommerce order and delivery system.Implemented various operations for Admin panel like addition removal, searching, updation.Tools - Web Development tools.

KEY TECHNICAL PROJECTS

Signature Recognition using SVM and HOG (7 th semester)	<ul style="list-style-type: none">Applied Histogram of Oriented Gradients descriptor for extraction of global features of training signature images. Implemented Support Vector Machine, a supervised learning model for classification of test signature images based on weights obtained by training data set.Used Qt (C++), OpenCV libraries.
Content Based Image Retrieval (6 th Semester)	<ul style="list-style-type: none">An Android application for retrieving related images from the database.Implemented web APIs based on REST architecture.Designed a database which can communicate with both PHP and MATLAB script.The Matlab script runs on the server and all the related images are returned to the user through web services.
Code.fun.do (Microsoft Hackathon)	<ul style="list-style-type: none">Worked on an Android application which registers complaints faced by the people within a locality.Deployed the database on Microsoft Azure Server.Completed the app with 3 other team members within 24 hours.
Guest House Management System (4 th Semester)	<ul style="list-style-type: none">Developed an Online Guest House Booking portal for college guest house.Used SQL parameters to protect the web portal from SQL Injection Attack.

TECHNICAL SKILLS AND EXPERTIES

• Programming Languages - C, C++, PHP, Python	Beginner- Java
• Web Development - HTML, CSS, JavaScript, jQuery, SQL	
• Software Skills - Code Blocks, Eclipse, XAMPP, phpMyAdmin, Qt, Eclipse	
• Version Control - GIT	

SCHOLASTIC ACHIEVEMENTS

• Awarded with INSPIRE scholarship for securing position in top 1% MERIT of 12 th Board Examination.
• Secured the rank 2 nd in Bhartiya Sanskrit Gyan Pariksha, 2010.
• Secured rank AIR 3198 in JEE- ADVANCE 2013.

EXTRA CURRICULAR ACTIVITIES

• Assistant Coordinate of transport management during Ignus'15, cultural and technical fest of IIT Jodhpur.
• Assistant Coordinate of transport management during Varchas'15, national level sports fest of IIT jodhpur.
• Member of gold medal winning IIT Jodhpur Cricket team in Varchas'14.
• Member of Research and Development team of Parivartan, a social group of IIT Jodhpur.