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Education

INDIAN INSTITUTE OF
TECHNOLOGY, JODHPUR
B. Tech in Computer Science and
Engineering (July 2013)
Expected May 2017 | Jodhpur,
India

Children Sen. Sec. School
Grad. May 2012 | Kota, Rajasthan
CBSE (12th): 87.6%

The Rajasthan School, Kotputli
Grad. May 2010 | Kotputli (Raj)
CBSE (10th): 9.4/10

Coursework

UNDERGRADUATE
Artificial Intelligence
Algorithm and Design
Software Engineering + Lab
Object Oriented Programming
Data Structure + Lab
Programming in C++ + Lab
Operating Systems + Lab
Probability and Statistics
Database Design
Fundamentals of Logic

Skills

TOOLS
Android Studio, Code Blocks,
Eclipse, Rational Rose (UML),
Qt Creator, Sublime Text

PROGRAMMING
C++, SQL (Full Proficiency)
Java, C, PHP (Beginner)

VERSION CONTROL
Git (bit bucket, GitHub)
SVN (Tortoise)

Upendra Singh

ug201310038@iitj.ac.in | +91-8824661684

Work Experience

Software Developer, Enormous Technologies Pvt Ltd, Gurugram

Worked on temp hawk, a mobile application which is used to manage temperature of cold rooms of restaurants and stores. Replaced Parse Database API's and properly integrated REST API's using an external networking library Volley. Implemented parsing of JSON data given as REST APIs response using GSON library.

Founding Member and Developer, BlickBee, Jodhpur

Designed, developed and deployed an android app for an online grocery store. Managed the project as Frontend developer and launched website of Blickbee. Worked with Background Services, SQL Database, implemented UI Designs, Integrated Database API's and created SQLite Database structure.

Android Developer, Fitso, Gurugram

Implemented an app module where users can create challenges and compete with others, Leaderboard to show their ranking for Fitso, fitness training android app. Integrated 3rd party libraries including Facebook, Glide and Picasso and STRAVA API's to fetch data from STRAVA app.

Selected Projects

Signature Recognition using SVM and HOG

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.

Smart PDF Reader

Developed a PDF Reader which uses Dictionary API and internet encyclopedia, facilitating users to understand the context. Used PyQt to create GUI, Pdfminer and PyMuPDF for PDF Parser and Reader and wordnik API's for dictionary.

Guest House Management System

Developed an Online Guest House Booking portal for our college guest house. The user can request for room and allocation will be handled by Admin. Implemented GUI using HTML and CSS and database using PHP and SQL.

Process Scheduler

Implemented modules for process injector and scheduler in C++. Analyzed performance of FCFS, SJF, Priority and Round-Robin scheduling algorithm.

Awards and Achievements

2nd Runner-up in Microsoft Hackathon'17 Code.fun.do at IIT Jodhpur.

Acquired All India Rank (AIR) 2831 in JEE ADVANCE- 2013.

Awarded certificate of Merit in Mathematics Olympiad 2010.

Position of Responsibilities

Assistant Coordinator, Android App Development Workshop Ignus'15.

Assistant Coordinator, Public Relations, Varchas'15.