KSHITIJ NAGAR

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PROJECTS

FILE CONTENT PREDICTION USING LATENT SEMANTIC ANALYSIS: Categories large number of data file based on file content using perceptron learning and latent semantic analysis. Categories files as Business Files, Medical Files, Travelling Files, Social Media Files etc.

GNUTELLA HYBRID P2P FILE SHARING: File sharing system in which central repository server store file information and system in which that file is stored and client can search file on server and download that file from peer storing that file, also client can perform RPC on peer to get result of UNIX commands.
LANGUAGE: C++

FILE MANAGER: Automatically moves files from one folder to desired location in Documents folder, such as automatically moves downloaded files to its respective location and clean desktop by moving its files at their respective locations, other features include, view and delete duplicate files on system, search file in system, view any number of Largest or Smallest files on system, rollback previous moves, and view previous moves history.
LANGUAGE: PYTHON

MEGATRON MINISQL ENGINE: Implemented mini SQL engine which runs the subset of SQL query such as select records with AND OR conditions, aggregate functions, project distinct columns, multiple table with join conditions.
LANGUAGE: PYTHON

SPLITWISE-CLONE: Expense splitting app. Account creation with authentication through OTP. Features supported were split bills among all members, add bill (bill image upload, optional), split equally and split unequally, settle bills, view balance (you owed or you owe), view amount pie chart (you owed vs you owe), user's history.
LANGUAGES: NODEJS, AJAX, JQUERY, HTML, CSS, MONGODB

TEXT-EDITOR: Text editor like vi editor with features like navigation mode and insert mode. navigation trough arrow keys as well as H,J,K,L keys and in insert mode features were insert, update, delete, save features.
LANGUAGE: C++

ACHIEVEMENTS

1. Secured 98.90 Percentile in GATE 2017
2. Selected as Microsoft Student Partner from Nov 2015 - Oct 2016
3. Selected as Office Bearer Computer Society of India from Sept 2015 – June 2016

TECHNICAL SKILLS

PROGRAMMING/SCRIPTING - C, C++, PYTHON, JAVASCRIPT
WEB-TECHNOLOGY - HTML5, CSS3, BOOTSTRAP, JQUERY, NODEJS (BASIC)
DATABASES - MYSQL, MONGODB (BASICS)
OPERATING SYSTEM - LINUX, WINDOWS

EDUCATION

2017-PRESENT	M.TECH (CS), IIIT HYDERABAD	-
2013-2017	B.E (CSE), RGPV BHOPAL	CGPV 7.62/10
2013	XII, CBSE	PERCENTAGE: 74%
2011	X, M.P BOARD	PERCENTAGE: 76%