

# Vishal Pandey

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## EDUCATION

### JIIT

#### B.TECH IN COMPUTER SCIENCE

Expected June 2017 | Noida, India

Cum. GPA: 6.4

### LUCKNOW PUBLIC SCHOOL

Grad. May 2012 | Lucknow, India

## LINKS

Github:// [flash1452](#)

LinkedIn:// [vishalpandey](#)

## SKILLS

### PROGRAMMING

Programming Languages:

• C • C++ • JavaScript • Php

• Python •  $\text{\LaTeX}$

Servers:

• Apache • NodeJs • Elastic Search

Databases:

• MySQL • MongoDB

Frameworks:

• Php Slim • Yii2 • Codeigniter

Other Tools:

• Linux • Git

Familiar:

• Android • Ruby

### OPEN SOURCE

Contributions:

• PhpMyAdmin

• Joomla CMS

• Mozilla ssh-scan

## EXPERIENCE

### SCHOLARGRAPH | BACKEND DEVELOPMENT INTERN

Expected Oct 2016 – Dec 2016 | Noida, India

- Write code for creating decision trees and merge two trees in php.
- Write dynamic traversal code for n-ary tree in javascript.
- Implement statistical algos for leaderboard and recommendation engine.
- Record website logs and analytics.
- Website security.
- Analyse database structure for future complexities and suggest. corrective measures.
- Tech Stack used:
  - Php Codeigniter Framework
  - Javascript;
- Worked under the guidance of Mr. Arpit Jaiswal(SAAS Head, Google).

### WEMAKESCHOLARS | SOFTWARE ENGINEERING INTERN

Jun 2016 – Aug 2016 | Hyderabad, India

- Worked on a Discussion Board based on the concept of Stack Overflow and Quora.
  - Building a Q-A platform for users looking for help regarding foreign studies;
  - Successfully imply a search system system as seen in Stack Overflow:
    - \* Searching based on keywords and special tags;
    - \* Elastic Search application for the first time in the whole site;
  - Real Time Notification system as seen in Quora using Node-JS Socket.io .

### INSTAREFR | BACKEND DEVELOPER INTERN

Aug 2016 – Oct 2016 | Noida, India

- Shift the whole CMS based website to database driven one;
- Develop website backend from scratch.
  - Php Codeigniter Framework;
  - Angular Js;
  - Bootstrap;

## PROJECTS

### TEAM SHARE | BACKEND DEVELOPER | PYTHON DEVELOPER

- Screen Sharing based on concept of google docs using Python Sockets
- Transfer of file(Mp3 and text) using various protocols and analysis of TCP and UDP

### FANTASY FOOTBALL LEAGUE | BACKEND DEVELOPER | JS DEVELOPER

- Based on the concept of traditional Fantasy League, the project allows users to create their own Dream Team, with a added feature of Multiplayer gaming with the help of Php Sockets.
- Tech Stack used : Bootstrap, Php SLIM Framework.
- Later extended in the form of an Android App..

### SPORTS NEWS | ANDROID DEVELOPER | BACKEND + UI

- Android App to update news related to sports world in real time using crawling services

### SOCIAL NETWORK ANALYSIS | C DEVELOPER

- Development and observation of how a social network works in C using various data structures like graphs, path finding related algorithms and cycle detections in C