

SHASHANK SINGH

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Computer Science & Engineering
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INTERNSHIP

OBJECTIVES

To be a part of the industrial process of building products and put my knowledge and skills to test against the problems and challenges faced worldwide, thereby sharpening my skill set and indulging in a continuous learning process and being of some worth to the organization associated with.

ACADEMIC

DETAILS

Qualifications	Year	Institute	%
B.Tech. in Computer Science & Engineering (3 rd year presently)	2014- Present	B.I.E.T. Jhansi (Govt. Funded Autonomous Institute under APJAKTU, formerly UPTU)	75.55 (Till 4 th semester)
Intermediate/+2	2013	Saint James' Senior Secondary School, Hardoi(CBSE)	87.4
High School	2011	Saint James' Senior Secondary School, Hardoi(CBSE)	CGPA 10

LANGUAGES

Hindi – Native Language

KNOWN

English – Full Professional Proficiency

RELEVANT

COURSES

COMPUTER SCIENCE & ENGINEERING:

Concepts of Programming in C, Data Structures and Design & Analysis of Algorithms, Digital Logic Design, Database Management Systems, Theory of Computation (Automata Theory), Operating Systems, Object Oriented Techniques, Discrete Mathematics

NON-ACADEMIC/SELF-TAUGHT:

Web Development (Proficient in Laravel framework), Android Development, MySQL, Game Development in Turbo C BGI (outdated)

Programming Languages & Technologies:

C[Moderate], Java[Moderate], PHP[Moderate], MySQL[Moderate],
Laravel (PHP Framework), Android Development

Scripting & Markup Languages:

HTML, CSS, JavaScript

Tools:

IDE: Codeblocks, Android Studio, PhpStorm, NetBeans, Eclipse

OFFICE SUITE: MS Office, LibreOffice

DESIGN: Adobe Photoshop CC, Adobe After Effects CC.

Operating Systems Used:

Windows (98 - 10) : Adept

Linux – Ubuntu, Mint : Moderate (currently using)

TECHNICAL

SKILLS

Project : Institute Connectivity & Notification System (Ongoing)

Based on Android (app), Laravel(Web API), Firebase(Google)

Co-developers : 2

Description : A project comprising of an android app and a Laravel based API to serve the app. The app will create an easy interface for college students to interact and provides ease of access for question papers, study materials, results. The app has a notification system built using Google's Firebase to push bulk notifications to users/students regarding important alerts.

Link to Web API : <https://github.com/shashankatgit/api-college-app-laravel>

Playstore Link : [Click Here](#)

PAST

TRAININGS

INTERNSHIPS

& PROJECTS

Project : Advanced Result Viewer (Web Crawler)

Based on PHP, Laravel, AJAX

Description: A php based Web Crawler for automating the process of result viewing for students so that tabular results for whole class can be generated at once for comparison, ranking and statistical purposes. Initially started in Python but later ported it to php due to unavailability of free Python servers. Used Simple Browser from the Simple Test framework to crawl the web pages.

Link to source code : <https://github.com/shashankatgit/college-result-crawler>

Working Project at : <http://results.odigos.in/> or <http://bietresults.pe.hu/>

Project : CoderCup – Local Programming Contest Judge

Based on PHP, Java, MySQL, Javascript

Description: A local judge for hosting competitive programming contests at college level. The web app provides full interface for typing and submitting code and an admin panel to adjust contest preferences and monitor progress. There is a separate compiler server coded in Java which compiles the source code and returns the output to the web server, The separation of web server and compilation server reduces the load on one device and hence the application can be scaled for larger use.

Link to source code : <https://github.com/shashankatgit/codercup-biet>

Project : My Blog - HumbleBeeHive

Based on PHP, Laravel, MySQL, Javascript

Description: A Laravel based self designed Content Management System for my own blog. Integrated with TinyMCE plugin to provide a real blog writing experience. Also contains an admin section for controlling posts and approving comments.

Link to source code : <https://github.com/shashankatgit/myblog>

Deployed Blog at : <http://humblebeehive.pe.hu/>

Training : Android Development Using Android Studio

DUCAT SUMMER TRAINING

6 Weeks Training Course: May - July, 2016.

TOPICS Covered: Android Basics, Layouts, Activities, Threads & Handlers, SQLite

PAST

TRAININGS

INTERNSHIPS

& PROJECTS

PROJECT: *WallpaperChanger App*

“Wallpaper Changer” is a light android application that creates a service which automatically changes the phone wallpaper after a set interval of time.

Link : <https://github.com/shashankatgit/wallpaper-changer-android>

PROJECT: *MyCalc App*

“My Calc” is a simple android app that takes mathematical expressions and solves it using precedence and associative rules.

Link : <https://github.com/shashankatgit/mycalc-android>

Training : Core Java

HP EDUCATION SERVICES SUMMER TRAINING

6 Weeks Training Course: : June–July, 2015.

TOPICS Covered: OOP, Arrays, Multithreading, Generics, Collections, JDBC, Java Swing

PROJECT: *WallpaperChanger App*

“Wallpaper Changer” is a light android application that creates a service which automatically changes the phone wallpaper after a set interval of time.

Link : <https://github.com/shashankatgit/wallpaper-changer-android>

PROJECT: *MyCalc App*

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Link : <https://github.com/shashankatgit/mycalc-android>

SCHOLASTIC
ACHIEVEMENTS

- **UPSEE 2014 Rank:** 2634 out of 1.5 Lac applicants; Top 3 percentile in my state. Gained admission at BIET, Jhansi, an autonomous Government funded institute ranked consistently among the Top 5 in the state.
- District Topper in Class X by securing CGPA 10.

EXTRA
CURRICULAR
ACTIVITIES

Literary

- Winner of college level literary event – Cognizance
- Winner of college level debate competition
- Winner of several essay writing competitions and debates at school level

Technical

- Winner of college level coding contest – C Gambling
- Runner up in college level coding contest – Crazy Programming

Sports

- Captain of the winning team in interschool basketball tournament
- Two time team member of the winning team in college level basketball tournament

Cultural

- Best Compere in Freshers' Cultural Event – 'Abhinandan'

POSITIONS
OF
RESPONSIBILITY

Literary Sub-Council: *Executive Member* of the literary society of college whose motto is to promote an intellectual and literary atmosphere in the college.

Cultural Sub-Council : Lead Co-Ordinator, Compering Fraternity and an active member of Core Organising Committee

Student Council : Head of the Student Council in Saint James' Senior Secondary School, Hardoi, the purpose of which was student co-ordination and maintenance of discipline.

Sports : Team Captain of the School Basketball Team.

(Shashank Singh)

DATE: 17th January, 2017