

Suraj

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HIGHLIGHT OF QUALIFICATION:

Bachelor of Technology (Aug 2015 - June 2019)

Major: Information Technology

Year	Major/Degree	College/University	CGPA
2015-19	Information Technology (B. Tech)	Rajkiya Engineering College Azamgarh, INDIA 276201	6.8/10
2014	Higher Secondary (UP Board)	RSM Intermediate College Robertsganj, Sonebhadra, INDIA	6.7/10
2012	High School (UP Board)	St Xavier's High School Robertsganj, Sonebhadra, INDIA	8.5/10

TECHNICAL EXPERTISE:

Programming Languages: C, PHP, Python, JavaScript, MySQL, HTML, CSS, Bootstrap, jQuery, React.js, Node.js, Angular (Beginner in Java, C++)

Software Packages: Eclipse IDE, XAMPP, Android Studio, WordPress, Microsoft

Operating System: Windows10 and Lower Version, Linux (Ubuntu, Fedora), Kali Linux

Work Experience/Internships:

- ❖ **Research Intern at Fern University, Germany** (Jun-Aug'19)
 - Working on "Towards Utilization of Covert Channel Using Green Networking Approach."
 - Using Python programming language to deal with covert channels.
 - Supervisor: **Prof. Joerg Keller**, Fern University, Germany.
- ❖ **Web Developer Intern at Asian Institute of Technology, Thailand** (Jun-Jul'18)
 - I worked as a web developer intern(remotely) and my task was to re-design the responsive website of ICT Dept. I used Bootstrap, HTML, CSS and JavaScript.
 - Learnt about CMS. Used WordPress CMS.
 - Supervisor: **Prof. Sumanta Guha**, AIT Thailand.

Relevant Subject/Courses:

Computer Concept and Programming in C	Data Structure Using C
Operating System	Design Algorithm and Analysis
Web Technology	Database Management System
Software Engineering	Theory of Automata and Formal Language

Labs: Data Structure using C Lab, Design Algorithm and Analysis Lab, Web Tech Lab, DBMS Lab, OS LAB, C Programming Lab, Multimedia and Animation Lab.

ADDITIONAL PROJECT/COURSE:

Final Year Project: Access Home Appliances Through Google Assistant (2018-19)

- It is an IoT project which aimed to access the appliances of home by Google Assistant.
- Just give a voice command to google assistant and it will take action act to instruction.

Chatting Website: Developed a chatting site for my own learning.

- Created a chatting website on which you can send message, share images, update posts, leave comments, arrange your personal profile etc.
- I used PHP, jQuery, JavaScript, HTML, CSS and learn Database Management using MySQL on XAMPP software.

Progressive Web App: I'm currently designing a PWA. It is a new revolutionary initiative by Google.

Commercial Websites: Created commercial Website of a Hotel and a website of an educational institute. I used JavaScript, PHP, MySQL, Bootstrap. Also used many APIs for better user interface.

OS by LFS: I am creating my own Operating System by Linux from Scratch.(ongoing)

Extracurricular Activities and Achievements:

Wrote a Scientific Article on Stanford University's NLP research paper: Wrote my own approach and review on Stanford Sentiment Treebank and submitted to UKP Lab at TU Darmstadt Germany.

Wrote a 63 Lines of Python code: My own approach to detect the language of document is written in.

Technical: Designed website of college cultural fest 'Aagman17'. It was the first website of our college cultural fest.

Workshop/Competition: Did workshop and performed as competitor on Ethical Hacking Workshop, which was held in Indian Institute of Technology BHU at TECHNEX'17 (Asia's oldest Technical Event).

Technical Head: I was lead member of Technical committee in cultural fest at college.

Outdoors: I am State Level Gymnast. I played State Level Gymnastic in 2011 in Gorakhpur UP where 2000 well-chosen players were invited from 70 District.

Python Workshop: Attended two days python workshop organized by SoftPro Lucknow.

Languages: English (can speak fluently), Hindi, German

- **German** (Basic level, learnt from YouTube and Apps)

Interest:

Puzzle and Strategic Games: Hold an average of 6 Minutes in solving Mirror Rubik's Cube blindfolded and average of 2 Minutes with open eyes. Competitive player of Chess in the college.

Invisible Keyboard in Smartphone: I use invisible keyboard in my smartphone.