**Sambhuti Prakash +919622257274**

Junior Undergraduate B.Tech Student sambhuti.prakash@gmail.com

Computer Science and Engineering

Shri Mata Vaishno Devi University, Katra

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| Academic Details |

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| Year | Degree | Institute/ School | Percentage/ CGPA |
| 2013-Present | B.TECH in Computer Science and Engineering. | Shri Mata Vaishno Devi University, Katra | 7.51\*/10  (on a scale of 10) |
| 2011-2012 | 12th AISSCE | Gyan Niketan School, Patna | 89.2 % |
| 2009-2010 | 10th Board | Gyan Niketan School, Patna | 9.6 CGPA  (on a scale of 10) |

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| objective |

To pursue graduate studies in computer science and engineering, leading to a career in research. I am interested in computer vision and machine learning.

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| **ACADEMIC PROJECTS** |

* **DTMF Controlled Electrical Appliances** Dr. Ajay Kaul

*Computer Organization and Architecture* Semester 4th, 2014

I used Dual Tone Multi Frequency to control the electrical appliances which allowed user to remotely switch on/off electrical appliances.

* **Client Server Communication in UNIX using sockets** Dr. Ajay Kaul

*System Programming* Semester 5th, 2015

I used sockets to establish a two way communication between client and server which helped to send a request to the server and in turn server handled the request made by the Client.

* **Student Management System in Java using Swing**  Asst. Proff Anuj Mahajan

I made a Student Management System in Java using Swing having login facility both for student and administrator which allowed the students and administrator to login and manage their accounts.

*Java Programming* Semester 6th, 2015

* **Library Management System in C++** Asst. Proff Sanjay Sharma

*Java Programming* Semester 3rd 2015

I made a Windows executable Library Management System using C++ which allowed the administrator to keep track of books and manage the accounts of students and teachers.

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| WORK EXPEREINCE / INTERNSHIPS |

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| * **4 weeks HP Training Programme of Core Java**  June’14-July’14 * Concepts of Object Oriented Programming and concept of Multithreading was introduced * A Project on Voting System using Java * **4 weeks HP Training Programme of PHP with MySQL** June’15-July’15 * Training on how to develop websites using PHP , HTML and creating and managing database MySQL * A Project on Online Polling System having login facility and instant Result Compilation using PHP, HTML and MySQL |

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| AREAS OF INTERESTS |

* Structured Programming, Object Oriented Programming.
* Algorithms
* Machine Learning
* Web Development – Front end and Back end

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| COMPUTER SKILLS |

* **Programming Languages**: Java, C/C++, Python, Lex, Yacc, PHP, MySQL, JavaScript, Html5, CSS3, BootStrap3, ASP.NET
* **Software Packages**: Basic MATLAB, Auto CAD, OpenCV, Photoshop
* **Platforms**: Linux and Windows
* **Machine Learning Algorithms**: Logistic Regression, Random Forest, Neural Networks, XG-Boost

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| RELEVANT COURSES |

* **Computer Science**: Image Processing, Parallel Programming, Computer Networks, Operating Systems, Theory Of Computation, Analysis and Design of Algorithms, Programming Languages, Computer Architecture, Discrete Mathematical Structures, Data Structures

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| ACADEMIC ACHIEVMENTS |

* Qualified for the onsite round of **ACM-ICPC Chennai Regional Contest 2015**, one of the largest Programming Competitions for Computer Science Students. Our Team was the only one to qualify from our University as well as from Jammu & Kashmir in year 2015.
* 1st position in Scripter Event in Annual Technical Festival of SMVD University, Titiksha’14.

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| **POSITIONS OF RESPONSIBILITIES** | |
| Creative Design Committee,  Resurgence  Annual Cultural Festival  SMVD University, 2014 | Part of the Creative Design Committee of the Resurgence Team, Annual Cultural Festival, SMVD University |
| Branch Co-ordinator,  Titiksha  Annual Technical Festival  SMVD University, 2015 | Branch Co-ordinator of School of Computer Science Engineering for Titiksha, Annual Technical Festival, SMVD University and managed all the technical events organised under CSE |

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| REFERENCES |

* Kaul Ajay , Assistant Professor , Director-in-charge , School of Computer Science & Engineering ,Shri Mata Vaishno Devi University , Jammu & Kashmir, India

Email: [ajay.kaul@smvdu.ac.in](mailto:ajay.kaul@smvdu.ac.in)

* Sharma Sanjay , Assistant Professor , School of Computer Science & Engineering , Shri Mata Vaishno Devi University, Jammu & Kashmir, India

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