Prashant Arya

Programmer Analyst Trainee at Cognizant Technology Solutions

Electronics and Communication Graduate

LinkedIn - [@prashant-arya](https://www.linkedin.com/in/prashant-arya/) Github.io – [Website](https://steelhitman.github.io/)

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| **Academic Record** | | | | |
| B. Tech (ECE) | 2019 | Jaypee University of Information Technology, Solan | 74% |
| 12th | 2015 | Seth M.R. Jaipuria School, Lucknow | 88.75% |
| 10th | 2013 | Seth M.R. Jaipuria School, Lucknow | 88.8% |

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| **Positions of Responsibility** |
| **Vice Chairperson, ACM Student Chapter, JUIT** Jan 2018 – July 2018  **Electronics Team Head, ACM Student Chapter, JUIT** Jan 2017 – Jan 2018  **Campus Ambassador of GeeksforGeeks** Jan 2016 – June 2017  **Campus Ambassador of I-Medita**  Jan 2016 – July 2016 |

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| **Projects** | |
| IoT based Smart Assistant Robot | |
| Description | * Developed a moving bot with live video feed capability, medicine reminder and home automation all using voice commands that can be controlled wirelessly from a mobile device. * The movement of the bot can be controlled from a web GUI. * Built frontend using HTML, CSS, Bootstrap, JQuery, Ajax and Jinja. * Build backend using Flask, a python web framework and Python. |
| Achievements | * The bot worked successfully with live video feed and voice commands. |
| Telepresence Bot | |
| Description | * Developed a moving bot with live feed capability that can be controlled wirelessly from a mobile device. * The movement of the bot can be controlled from a web GUI. * Built frontend using HTML, CSS, Bootstrap, Ajax and Jinja. * Build backend using Flask, a python web framework and Python. |
| Achievements | * 4th position in JUIT Hackathon. |
| Soil Analyzer | |
| Description | * Developed a prototype that tells us what we can grow on a soil sample using the weather conditions and the soil sample. * Built frontend using HTML, CSS, Bootstrap, Ajax and Jinja. * Build backend using Flask, a python web framework and Python.      * Developed using Raspberry Pi and Arduino, also optimised the project for Intel Edison. |
| Achievements | * Successfully gave an output list of crops that the soil sample is fit to grow. |

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| **Technical Skills** |
| * **Programming & Scripting –** Python, Java, C, C++, MySQL, PostgreSQL, Jinja, HTML, CSS, Bootstrap, Javascript, Ajax, JQuery, Embedded C, Cobol, JCL, DB2. * **Frameworks –** Flask, Selenium, OpenCv, Discord. * **Softwares -** Macromedia Flash, Adobe Photoshop, Adobe After Effects, Adobe Illustrator, Sony Vegas Pro, Matlab, Xilinx, Pspice, Orcad, Arduino IDE. * **Development Boards –** Arduino Uno, Arduino Mega, Intel Edison, Raspberry Pi, BeagleBone. * **Operating Systems –** Windows, Raspbian, Ubuntu, Kali Linux. |

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| **Extra-Curricular Achievements** | |
| * 2nd in Spotlight Event – ECE at Cognizance 2016 by IIT Roorkee. * 2nd in Startup Protothon 17 organized by H.P. Centre Entrepreneurship Development (HPCED). * 4th in JUIT Hackathon organized by ACM JUIT. | 2016  2017  2017 |

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| **Internships** |
| * 6 weeks Summer Internship (2017) at A-Set Training and Research Institute. * 6 weeks Summer Internship (2018) at reliance Jio Infotech. |

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| **Online Certifications** |
| * 11 weeks Machine Learning course by Stanford University on Coursera by Andrew Ng. |