

Prashant Arya

Programmer Analyst at Cognizant Technology Solutions

Electronics and Communication Graduate

LinkedIn - [@prashant-arya](#) Github.io - [steelhitman.github.io](#)

Academic Record

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

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

Projects

IoT based Smart Assistant Robot

Description	<ul style="list-style-type: none">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	<ul style="list-style-type: none">The bot worked successfully with live video feed and voice commands.

Telepresence Bot

Description	<ul style="list-style-type: none">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	<ul style="list-style-type: none">4th position in JUIT Hackathon.

Soil Analyzer

Description	<ul style="list-style-type: none">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.
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	<ul style="list-style-type: none"> Developed using Raspberry Pi and Arduino, also optimised the project for Intel Edison.
Achievements	<ul style="list-style-type: none"> Successfully gave an output list of crops that the soil sample is fit to grow.

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.

Extra-Curricular Achievements

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

Internships

- 6 weeks Summer Internship (2017) at A-Set Training and Research Institute.
 - Worked on the automation of Essar Steel.
 - Made a webapp to monitor and control the machines.
- 6 weeks Summer Internship (2018) at reliance Jio Infotech.
 - Worked as a Network Intern.

Online Certifications

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| • 11 weeks Machine Learning course by Stanford University on Coursera by Andrew Ng. | Completed |
| • 1 Year Artificial Intelligence Engineer Master's Program by Simplilearn. | Pursuing |