

## Profile:

Skilled professional equipped with a diverse and promising skillset in fields of data science, software development and web development. Proficient in various platforms and languages. Experienced with the latest development tools and procedures while working in an agile based software development to deliver projects. Able to effectively self-manage during independent projects as well as collaborate as part of a productive team.

## Education:

<b>Master of Computing</b>	<b>Australian National University (ANU), AU</b>	<b>2018 – 2020.</b>
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<b>Bachelor of Electronics and Communication</b>	<b>Amity University, IN</b>	<b>2013 – 2017</b>
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## Technical Skills:

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| • Programming:     | Python(4yrs), Java(2yrs), R(2yrs)   |
| • Databases:       | MySQL, PostgreSQL, MongoDB. [4yrs]  |
| • Version control: | Git - GitLab, GitHub.   |
| • Team tools:      | Jira, Confluence, Trello, Slack.  |
| • Web:             | HTML/CSS/JavaScript. [3yrs]   |
| • Other:           | Machine Learning modules, Power BI, Tableau, MS Power Platform, MS Azure. |

## Work Experience:

<b>Technical Consultant</b>	<b>Effectus Digital, Brisbane</b>	<b>Nov 2021 – Present</b>
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- Build exceptionally strong relationships with our awesome clients.
- Providing advice, guidance and expertise in developing proposals and strategies for software design activities.
- Performing quality technical research and evaluation of various solution options.

<b>Software Developer/Team Lead</b>	<b>Profit Ventures Pvt Ltd, Canberra</b>	<b>June 2021 – Sept 2021</b>
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- Designed and Modelled Crypto based product with protentional to generate revenue in millions.
- Responsibilities include managing a team, communication with stakeholders.
- Heavily focused on research into cryptocurrencies.

<b>Data Analyst Intern</b>	<b>MedTourEasy, Remote</b>	<b>Oct 2020 – Nov 2020</b>
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- Collaborated with internal projects and management team to collect and review data and use findings to optimize processes and develop stronger, more effective business strategies Responsible for organizing meetings in the data extraction/ranking team.
- Located data sources, mine, review, validate, protect, and store data.
- Identified trends, patterns, and anomalies and use findings to develop strategies to reduce costs, improve processes and practices, and increase efficiency, quality, security, and consistency.
- Created reports and presentations and summarize complex information to management

<b>Programmer/Team Manager</b>	<b>jkl.io, TechLauncher, ANU</b>	<b>June 2019 – July 2020</b>
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- Lead a NewsAggregator Project that ranks news articles in realtime built on python and machine learning in agile environment.
- As part of back-end team, developed various micro-services for data extraction, summary generation and ranking.
- Responsibilities include database maintenance, build micro-services, code testing and server deployment.
- Effectively coded software changes, database design and alterations based on specific design specifications to improve previous models.
- Developed and presented findings and solutions to client and stakeholders.
- Organized and prioritized work to complete assignments in a timely, efficient manner.
- Brought forth a strong understanding of research methods and data analysis.

**Summer Trainee Intern****HP, Bangalore****Oct 2020 – Nov 2020**

- Trained in embedded c and microprocessors.
- Took part in various labs to learn working on microprocessors.
- Developed a gesture-controlled robot on Arduino.
- Certified in Embedded Systems (Basics and Advanced).

**Academic Projects:**

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**Predicting a plant from image of its leaf**

- Worked under Dr. Karamjeet Kaur for building a model that could predict a plant and show relevant details of the plant from external databases.
- Dealt with huge amounts of images to train the machine learning model and develop an algorithm
- Used: C, MATLAB, Computer Vision libraries

**Gesture controlled robot (Embedded C)**

- Built a robot that can be controlled by using hand gestures to control the direction of the robot.
- Used: Embedded C AVR

**Library Management System (Java)**

- Developed functionalities like Searching, checking in and checking out books while ensuring optimal calculations.
- Designed fine calculation, due date notification and revoking library privileges.
- Created Oracle database application using Java GUI.

**Publications:**

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**Plant Recognition using hog and Ann****Oct 2016 - Apr 2017**

- <https://ijritcc.org/index.php/ijritcc/article/view/600>
- Classify a plant image and show relevant information based on its leaf features.

**Extra-Curricular:**

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- ACS Associate Member.
- ANU+ volunteering member.

**References:**

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