**Education**

**Masters of Computer Science Sept 2022 – Dec 2023 (Expected)**

University of California, San Diego (UCSD) CGPA: 3.95/ 4

*Relevant Courses*: Computer Vision, Scalable Data/ML Systems, Advanced Data-Driven Text Mining (NLP)

**Bachelor Of Engineering (Computer Engineering) August 2018 – July 2022**

Vivekanand Education Society’s Institute of Technology (VESIT) CGPA: 9.013/ 10

*Relevant Courses*: Software Development, DBMS, OOPM(Java), NLP, Web Development, Machine Learning

**Internship Experience**

**Full Stack Developer, Stealth Startup**  **Feb 2023 – Present**

* Integrating Python-based DL architecture to a user-friendly Web Application utilizing AWS and React JS.
* Secured $100K in funding in AWS credits from Adobe.

**Full Stack Development Intern, Makos Infotech**  **June 2021 – July 2021**

* Developed Server-side rendering for their main website (Jobaskit.com) utilizing JQuery, PHP, and MySQL, which targets automating the On-campus placement process for various colleges.
* Managed existing and created relational databases using MySQL Workbench and deployed them on AWS.
* Worked on the website's front-end design using the prototyping tool Figma, followed by bootstrap.
* Co-pitched the online job placement portal, Jobaskit, to 3 University professors alongside the founder.
* Mentored 2 intern recruits working on the digitalization of the teaching process.

**Web Developer Intern, VESIT Renaissance Cell** **June 2020 – July 2020**

* Led and managed a team of 6 during the entire duration of the internship.
* Worked on designing and implementing a Django-based [Paper Publication Easy-to-use Website](https://cmpn-publications-official.herokuapp.com/) for my college, wherein teachers can easily add their newly published work for the students to see.
* Developed a [Portfolio Website](https://anjaliyeole-15e4c.web.app/) for our mentor.

**Data Analyst Intern, Leadingindia.ai May 2020 – June 2020**

* Worked in a team of four to build a Vaccine Prediction model on the H1N1 and seasonal flu vaccines to accurately predict the trends of the public acceptance rate (41%) of the Covid-19 vaccine.
* [Research Paper](https://doi.org/10.1007/978-981-16-0401-0_11) was published in Springer & I wrote a [Blog](https://medium.com/@jjhaveri1906/pandemics-a-harsh-reality-7c05254e907b) showcasing the correlation between the two pandemics.
* Secured first position for the mentioned research project amongst 85 peers intercollege.

**Projects**

**[Divya-Drishti: An Independent Aid for the Visually Impaired](https://github.com/JayJhaveri1906/Divya-Drishti) Aug 2020 – May 2021**

* Created a Voice-activated standalone AIOT android application using Raspberry Pi4 to help Visually Impaired People (VIPs) accurately and efficiently detect Indian Currency notes, colors, and everyday objects.
* Funded by the Mumbai University Minor Research Grant Program.
* Received feedback, on the android-Java app developed, by National Association for the Blind (NAB)’s members.
* Achieved a *400%* net cost reduction compared to products made by OrCam.
* Published a [research paper](https://dx.doi.org/10.2139/ssrn.3867707) highlighting the needs of VIPs.

**[Code for Change Hackathon: A Data Extraction project](https://github.com/JayJhaveri1906/Saath-Baara-Utara-OCR-The-7-12-OCR) Nov 2020 - 24 hours**

Developed data extracting software for Global Parli Foundation NGO to automate the translation of Land/Farm ownership papers’ pdf originally in Devanagari Script into an editable Excel sheet using OCR. *Tech Used:* *Django, Google Cloud, Html/CSS. Achievement: Secured* ***First*** *position for the data extraction project amongst the 72 teams participating.*

[**“Mental Health Messiah” Twitter Bot**](https://github.com/JayJhaveri1906/Mental-Health-Messiah) **June 2020 – Aug 2020**

Leveraged sentiment analysis to build a bot to help people suffering from mental health issues related to COVID-19. *Tech Used:* *IBM-Cloud API, Twitter API, Python, React JS, Angular JS*

[**International Flutter Hackathon: Healthy While Distant**](https://github.com/JayJhaveri1906/Healthy-While-Distant) **June 2020 - 48 hours**

Devised a user-friendly Flutter app that leveraged smartphones' existing Bluetooth Low Energy (BLE) technology to help users maintain social distancing during the COVID-19 pandemic. The app alerts the user if they come within six feet of another smartphone and includes an additional feature of teaching yoga moves to stay fit while quarantining. *Tech Used:* *Flutter, Dart, BLE. Achievement: Secured top 150 positions amongst all the teams participating worldwide.*

**Research Publications**

Inampudi S., **Jhaveri J.** et al., (2021) **Machine Learning Based Prediction of H1N1 and Seasonal Flu Vaccination**. In: Garg D., Wong K., Sarangapani J., Gupta S.K. (eds) Advanced Computing. IACC 2020. Communications in Computer and Information Science, vol 1367. Springer, Singapore. (<https://doi.org/10.1007/978-981-16-0401-0_11>)

**Technical Skills:** Python, Java, C, HTML, CSS, Javascript, SQL, MySQL, Android, Node JS, React JS, AWS, Google Cloud