

# Kulkarni Ajai Vishnudas

## Contacts

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## ACADEMICS QUALIFICATION

Degree/Qualification	University/Board	Year	Result
PG-DAC(Post Graduate Diploma In Advanced Computing)	CDAC, Noida	2023	71.25%
B.E(Mechanical Engineering)	Savitribai Phule Pune University, Pune	2019	6.88 CGPA(60.51%)
Diploma (Mechanical Engineering)	MSBTE, Mumbai	2016	80.41%
SSC	Maharashtra State Board of Secondary and Higher Secondary Education ,Pune	2013	81.82%

## PROFESSIONAL CERTIFICATION

Post Graduate-Diploma in Advanced Computing, PG-DAC

*September 2022– March 2023*

Key Learning:

1. Java (Concepts of programming) and Core Java (OOPS concepts, Threading ,Exception Handling).
2. Advanced Software Methodologies( Agile Methodologies (Jira ,Scrum ,Kanban), DevOps Methodologies(GIT,AWSEC2,JENKINS,DOCKER,SELENIUM).
3. Operating System Concepts(Linux).
4. Database (MY-SQL).
5. Data Structures and Algorithms.
6. Web Technology(HTML,CSS, JavaScript, Node.js, React.js).
7. Advanced Java( Hibernate ,Spring boot ,Servlet, REST API, Spring MVC).
8. C++,PHP.
9. React Native (Mobile app development).
10. Basic Knowledge of Wordpress.

Master's Certificate in Data Science

*July 2021– Feb 2023*

Key Learning:

1. Performed analytical task in python by using machine learning algorithm such as supervised learning (Regression [**Linear Regression, Logistic regression**]).(Classification[**Decision Tree Classifier, Naïve Bayes Classifier, Random Forest Classifier, Support Vector Machines**])
2. Unsupervised Learning (Clustering [**K-Means Clustering, Hierarchical Clustering**]).
3. **Text Mining, Ensemble Learning, Time Series Modeling, Feature Selection.**
4. Artificial Neural Network [**CNN, RNN, RBM, Autoencoder**],
5. **Tableau.(Desktop 10)**
6. **Python**

## INTERNSHIP and WORK EXPERIENCE

### Entrepreneurship (15 March 2022-30 April 2023)

- Design and development of J2EE projects and guiding the Diploma and Engineering Students in their academic projects and development of android applications using React-Native.js, Web-Development
- Tableau Dashboards
- Some of the projects are (E-Pharmacy site, E-Commerce site, Android App (Shopping App))

### Simulation Lab Pvt .Ltd'

Product Development Engineer (R&D) Internship ( 19 Oct 2020 11 Dec 2020)

- Working on live research project at (R&D) that '**Multi feature on wings to enhance aerodynamic efficiency of Wing**'
- Daily CFD analysis of wing by changing the degrees of flaps and inlet velocity on wing using Ansys Fluent discuss with R&D team and put on conclusion (Winning Team of company at Intercompany event "Knock Out" which is "Sloshing analysis of partially filled tank" in CFD )

### Think & Learn Pvt. Ltd. (15 Dec 2020-27 Jan 2021)

- 2 Months of Working experience as Business Development Trainee
- Working in sales department for which I have to generate revenue for company

## PROJECTS

### CDAC

- **Medtronics** – It's an online pharma-store where one can manage their needs as per their requirement it is created on J2EE platform customer can login and the search for their required needs and they are able to book their orders on the website – Technology used(**Backend-Spring-Boot, Frontend-React.js, Database-MY-SQL**)

### B.E

- **Design, Modification & Analysis of Invelox Wind System**- Invelox wind system is designed for flow velocity of air less than 2m/s which is used to produce electricity bypassing through a continuous varying cross-section and passed over a turbine placed at the end of venturi.

### DIPLOMA

- **Automatic Fire Extinguisher** – This system is designed for extinguishing fire hazards which can happen suddenly. This system uses mechatronics circuit to complete the task and by using fire, smoke sensor.

## OTHER CERTIFICATIONS

- Diploma in Product Design and Analysis by CADD CENTRE
- Mechatronics Technology (Hydraulics & Pneumatics) Conducted by -Prolific Systems and Technologies Pvt. Ltd.
- Data Science -Online Training conducted by INTERNSHALA
- BIW(Body in White) design by Institute Of Industrial design, Chennai

## EXTRA CURRICULAR ACTIVITIES

- Winner of District level Softball Championship
- 2nd Prize in National Level Technical Event "DEXTERITY-2K19" held at MMCOE, Pune
- Participated in State Level Project Competition
- Participated in State Level Table Soccer Championship 2011
- Member Of MESA

LANGUAGES: English, Hindi, and Marathi

HOBBIES: Passion for My Pets, Adventure Trekking, Visiting Multi-Cuisine Restaurants

## DECLARATION

Hereby I declare that all the above details given are true to the best of my knowledge and belief.

Place: Pune

Kulkarni Ajai Vishnudas

Date:

Signature

