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EXPERIENCE

The Vinche — Founder

Bangalore, December 2019 - April 2020

Started my own startup 'The Vinche' which was a rental space for focused work. The idea for this startup was to provide space and guidance for doing 'Deep Work' for anyone - a productivity house.

- **Why this startup?** - We are distracted more than ever today, the ability to do quality-focused work is decreasing.
- **Target customers** - Anyone how likes to rent a space for focused work for a few hours.
- In the short run I was able to accomplish the following
 - **Funding** - Raised initial pre-seed amount
 - **Product design** - that appealed to the customers
 - **Customer acquisition and Marketing** - 10 paying customer in the first month alone
 - **Operations and customer experience design** - delivered a high-quality customer experience

Netradyne — Data Analyst

Bangalore, December 2018 - December 2019

Worked in the operations team. Hence my role required coordinating with various teams and customers to understand their problems and deliver data-driven insights.

- **Monitoring and reporting**
 - Automated internal reports for regular updates through email. I used python3, SQL, and MS-Excel for this.
 - Defining benchmarks and monitoring key metrics to identify potential bugs in the latest production release.
 - Analyzing and monitoring the features used by the customers and creating the reports for most/least used features and how the new features are performing using Mixpanel.
- **Anomaly detections and machine learning**
 - Setting up systems that monitor real-time data and plots the data on a dashboard to help identify issues before the customer complains. Applied machine learning methods like KL Divergence and p-test using python module scipy.stats.
 - Topic modeling of customer feedback to understand customer needs, feature defects, and sentiment. Applied Latent Dirichlet Allocation (LDA) using python.
- **Integrations and dashboard development**
 - Specifying the product requirements, ensuring the delivery and coordinating and with developers for new software integrations and dashboard developments.
- **Ad Hoch reports to various teams**

Nudg Labs— Data Analyst

Bangalore, August 2017 - April 2018

Nudg Labs was a very early stage startup with a team of 4. Even though my main role was data analysis I had the opportunity to work in many different roles.

- **Daily Insights for a chatbot**
 - Analyzed daily customers transactions and created a summary database in PostgreSQL
 - Developed backend flask server and APIs for the chatbot to make requests
- **Search and selection algorithms**
 - Search and selection algorithm for better customer experience while searching on the chatbot developed a custom algorithm along with the python fuzzy-wuzzy module.
- **Business models and company finances**
 - Worked closely with the CEO to build models for customer acquisition using techniques like the viral loop.
 - Managed the expenses and finances of the startup.

Freelance Teacher— *Physics, and Mathematics*

Bangalore, August 2015 - February 2019

Always enjoy teaching physics and mathematics. Worked as a teacher both full-time and part-time.

- Taught physics and mathematics from class 8th to 12th
- Helped students prepare for both board exams and competitive exams

SKILLS

- **Data Analysis:** Python, R, SQL, MS-Excel, Tableau, Mixpanel, Google Analytics, Relational Databases, plotly, Pandas, Flask, HTML, and CSS.
- **Machine learning:** Linear classifiers, Gradient Descent, Regression and classification, SVM, Kernel Perceptron, K nearest neighbors, Clustering, The K-Means Algorithm, Gaussian Mixture Models, Neural Networks, Deep Learning, and Reinforcement Learning
- **Mathematics:** Multivariable calculus, Probability, Differential Equations, and Statistics.

EDUCATION

University Visvesvaraya College of Engineering, Bangalore— *BE, Mechanical Engineering.*

August 2011 - June 2015

- **Projects**
 - **Autonomous robot** - designing control systems and programming the robot. Our robot was able to differentiate the ripen and un ripen fruit and pluck the right ones and deliver them at the right location.
 - **Self-charging system** - this project involved using the vibrations of the vehicle to charge the vehicle battery using piezoelectric materials.

ACHIEVEMENTS

- Secured National Rank 238 in IIT Qualifying exam for MSc Physics.
- Completed 21 online courses in mathematics, computer science, and others from institutions like MIT and Stanford.
- Finished 6th in all India robotics competition by IIT Bombay

OTHER INTERESTS

- Football fan
- Self-proclaimed DJ
- Can geek out on physics, psychology, and philosophy