

Gowdham Ravichandran

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A creative and energetic individual with 4.5 years of expertise in transforming raw data into actionable insights

PROFESSIONAL EXPERIENCE

Data Scientist | *PayPal*

Aug 2022 - Present

- Developed risk strategy for the “Buy Now Pay Later” product with over 15 million active customers, generating a TPV of **\$15 billion** annually. Grew the portfolio by **9% YoY** from 2023 to 2024 while maintaining losses at a flat rate.
- Conducted a thorough analysis on credit cards as repayment instruments as an effort to mitigate credit abuse risk.
- Spearheaded product growth by increasing approval rates by 0.6%, opening up an additional **\$90M** in annual TPV.
- Created a portfolio dashboard in Tableau to monitor TPV and losses. Set up realtime alerts for sensitive metrics.

Senior Associate in Data Science | *upGrad*

July 2020 - July 2022 | 2 years

- Worked in the Data Science content team - collaborating with experts to create content, below are a few projects -
 - Created Data Science courses with University of Maryland with a footfall of over 700 students, generating a **\$2M** revenue.
 - For a course project - Designed an ETL pipeline for COVID-19 data using AWS tools and created a dashboard in Tableau.
 - Established a feedback analysis framework to enable easy monitoring of top performers using a Python script. (Internal)
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EDUCATIONAL BACKGROUND

Dual Degree, Bachelors + Masters of Engineering, *Indian Institute of Technology, Madras*

8.5/10

PERSONAL PROJECTS

Cricket match scores prediction - Analytics Vidhya contest

October 2023

- Brief - Machine learning model to predict runs/wickets of each player in the India-Pakistan world cup cricket match.
- Fabricated 36 features from data, related to team strength, form; opponent strength, form and player strength.
- Created & tuned an XGBoost model to achieve a test set RMSE of 17 for runs and 1.3 for wickets.
- Lost the contest, because I did not tune the model to include the coin-toss feature, which was vital to #runs scored.

Hackathons and app development

Jan 2023 - Present

- Received an honorable mention in the Google Gemini API developer competition for a travel app - LoreHunter.
- Was given a shoutout by the **Nothing** team in the CMF phone product launch for a fun app - Nothing Gyro.
- Developed a quiz game with a twist for the Reddit games and puzzles hackathon - Youtube video.
- Successfully launched 3 android apps to the google play store in the year 2024.

Sales Lead Generation - Google Maps Automation (Freelancing)

[Github](#)

Sept 2021 - Nov 2021

- Brief - An application that takes in a keyword - Dentist/Restaurant and returns all the results in a specified locality.
 - Automated a 1 hour process of collecting sales leads from Google Maps down to 1 min using Google Maps API.
 - Created a dash application, added visually appealing UI elements and deployed it to Heroku.
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SKILLS

- Coding - **SQL, Python**: pandas | sklearn | seaborn | tensorflow | Flask | Dash | selenium ; Flutter ;
 - Tools: **Tableau**, MS Excel, PowerBI
 - Cloud: **Teradata**; **AWS**: RDS | S3 | Glue | Athena | Redshift ; **GCP**: BigQuery | Firebase ;
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ACHIEVEMENTS AND INTERNATIONAL EXPERIENCE

Patents (2020)

- Lift enhancement assembly - Identified the synergistic effect of vertical rotors with a fixed-wing aircraft.
- Vertical rotor assembly - A mechanism to tilt rotors from a vertical hover mode to a horizontal flight mode.

Formula Student Team Member- Raftar (2015 - 2018)

- Built a racecar as a team of 30- placed 2nd in Formula Bharat 2016 and 3rd in Formula Bharat 2017.

Semester Exchange at Warsaw University of Technology, Poland (Feb - June 2019) - Climbed the tallest peak in Poland!
