



Daggupati Sai Aravind Kasyap
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ACADEMIC DETAILS

YEAR	DEGREE	SPECIALIZATION	COLLEGE	CGPA / %
2022-24	MBA	Business Analytics	BITS Pilani	9.00
2015-19	B.Tech	Electronics and Communications Engineering	Hyderabad Institute Of Technology and Management	73.05%
2015	Intermediate	M.P.C	Bhavan's Aurobindo Jr College	87%
2013	SSC	General	St. Joseph's high school	9.3

TECHNICAL PROFICIENCY AND CERTIFICATIONS

Technical Proficiency: Basics of R, Python, SQL, Power BI, Machine learning, C, Core JAVA, .NET, Embedded C, React JS, Bootstrap, HTML.

Certifications: Java, Embedded C, **Technical Entrepreneurship Program (Indian school of business).**

WORK EXPERIENCE

- Company Name:** Tata Consultancy Services (Duration: July' 19 - June' 22)
Role: Software Associate and Analyst
Nature of work: Application development, Automations in .NET and JAVA (Full stack development)

INTERNSHIP

- Company Name:** BigTapp Analytics (Duration: June' 23 - Aug' 23)
Role: Business Data Analyst
Nature of work: AI product development, Data analysis, Reporting, pre sales

PROJECTS

1. AInspecto (June 2023 – August 2023)

Description: Designed an **AI** application in order to **automate the self-inspection and claims process for vehicle insurance providers and platforms**. Business is able to use the application's accurate results to **remove manual labor in the process by 80%** and thus **reduce their cost up to 40% on each claim** or renewal process during the pilot run of version1 in Vietnam and Thailand.

Features: Vehicle damage assessment, Cost of repairs and Claim eligibility report

Technologies used: Python, Deep learning modelling (YOLO), Streamlit, Rest API

Link: <https://dsaiaravindkasyap.github.io/portfolio/ainspecto.html>

2. Finex (July 2023 - August 2023)

Description: Led the development of cutting-edge machine learning applications in **banking domain**, focusing on enhancing **operational efficiency** and customer experience. Application is equipped with impactful solutions in the areas of **fraud detection**, credit worthiness assessment, customer churn and **personalized product recommendations** all under one roof and integrated. App includes user inputs to test different models enabling a better user experience understanding the proof of concept built.

Features: Product recommendation system, Fraud detection, CIBIL scoring, customer churn and Dashboard

Technologies used: Python, Streamlit, Rest API, Power BI, Machine learning

Link: <https://aravindkasyap.github.io/pmn/index.html>

3. InsightX (February 2023 – April 2023)

Description: Built a **customized dashboard** for the **placement unit of Bits Pilani** providing **insights in the placement trends** and stats from different perspectives like **Academics, Technical, Industry, Extracurricular articulations** with different report views. This **Academic project** is developed in order to provide deep insights on the past placement trends and design training plans for students based on the recruitment pattern in the industry. App is integrated UI to upload the user specific dataset and customizes the dashboard.

Features: Different perspectives of data, Data upload UI

Technologies used: Power BI, Python, Selenium, Bootstrap, Javascript.

Link: <https://dsaiaravindkasyap.github.io/portfolio/insightx.html>

4. GDP growth analysis and forecasting (February 2023 – April 2023)

Description: Performed **time series analysis** on **Indian GDP** data from the past 3 decades to analyze the pattern of its overall and sectorial growth. We have forecasted the GDP for the next four years using time series models such as **ARIMA**. **Model selection** based on the data, **fitting** and **validation** has been performed on the data and results were analyzed statistically. The validation of the results shows **95%** confidence interval.

Technologies used: R language

Link: https://dsaiaravindkasyap.github.io/portfolio/GDP_forecast.pdf

5. Factors influencing student placement CTC (October 2022- December 2022)

Description: Developed an **automated code** which can take any data set and give us the best fit model using **backward selection method**. This **Academic project** is developed in order to infer and predict the final placement CTC of students. The factors that are involved are CGPA, Technical proficiency, internships, domain technologies known etc. We were able to build the best fit model for the data with **70% efficiency**.

Technologies used: R

Link: <https://dsaiaravindkasyap.github.io/portfolio/stats.pdf>

POSITIONS OF RESPONSIBILITIES

Role : System Engineer

- Designed and developed several web tools to automate the production teams.
- Developed and maintained live automatize systems that ensures the route optimizations and increased productivity by **75%**.
- Development involves **Full Stack Architecture** involving **front end, Backend and Database**.
- Helped the clients in troubleshooting the issues for the network outages in the satellite stream.
- Build tools using JAVA that automate the trouble shooting process with minimal user interference.

ACHIEVEMENTS

- **Won smart city hackathon** conducted by Hacker bay.
- Secured Topper of the batch recognition for the year 2016-2017 (B. Tech).
- Secured place 1 in IOT with Raspberry pi conducted by **IIT-madras** in collaboration with **Winfotech**.
- Received '**star of the month**' award for excellence in application development and **client satisfaction index** in TCS.

EXTRA CURRICULARS

- Active player in **Hyderabad cricket association** and college teams.
- Core member of **Data Analytics club** (Tech Geeks) at Bits Pilani.
- Active member in '**Sujalaam Foundation**' which serves the needful.