

PARIMI SHIVA KALYAN

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Work Experience

Associate Software Developer (Full-time)

2019 – Present

Accenture, India - IDC

- Worked on NetWeaver PI tool, while handling new Demands, Change Requests, Developing custom mappings, Communication between multiple systems & Partner Profiles, Interfaces between different business systems while handling over-whelming requests from clients.
- Developed an algorithm to calculate & predict the upcoming problem points in the project by using 6 years of data on Incidents/Tickets/SLA's, Automation of Audit Reporting using Python GUI.

Full-Stack Developer/Team-Lead (Intern)

2016 – 2018

Malaysian Township, North Phase, India

- Developed a full-stack ledger program using SQL and PHP along with front-end components.
- Maintained a fully functional website with backend support to help the Township management in billing and maintaining records of over 500 families residing there.

Education

Integrated Program in Business Analytics

2020 – 2021

Indian Institute of Management, Indore, India

- Data Science & Business Analytics Program along with Capstone Project

Bachelors of Technology, Information Technology

2015 – 2019

*Sreenidhi Institute of Science and Technology, 9.1 CGPA
Hyderabad, Telangana, India*

Languages & Skills

- Languages: English & Hindi (Bilingual).
- Skills: Python, R, SQL, Solidity, XML, SAP ABAP-PI, SSML, WAMP, Tableau, Informatica

Projects | [GitHub Profile](#) | [Kaggle Profile](#) | [LinkedIn Profile](#) |

Predicting interest of customers to avail a loan at discounted rates

[Capstone-Internship]

Sep – Dec 2020

Indian Institute of Management, Indore, Data Science & Analytics

- Worked on 20,000+ records in order to predict which group of people tends to opt for a loan using 10+ Attribute list and applying 3 different Whitebox models in Python.
- Predicted which group of customers would be interested in taking a loan by using correlation and feature Engineering on SCR, Occupation and other values.
- Visualized the final results using various plots in Python and did a story telling using various dashboards in Tableau.

PUBG Data Analytics using R & Python with 44,00,000+ Records

[Research]

June – July 2020

Edureka, Data Science & Analytics

- Worked on 44,00,000 + records of PlayerUnknown Battlegrounds released by PUBG where I performed analytics using Python-Jupyter Notebook & R scripting to obtain insights about hackers and survival percentage of a player by using 28+ attributes listed in the dataset.
- Plotted various graphs and plots to obtain regulatory insights by using visual aid libraries. Predicted the winning percentage of players with a specific combination.

Yearly Spending Habits Analysis Using Sci-Kit & Pandas in Python with Visualizations & Prediction [Capstone]

March – June 2020

Data Science & Analytics

- We all tend to face the situation where we wonder about the money we spend, where the money that we earn goes. And in this Era of digital Payments, we can see that most of the money transactions happen via UPI, cheques, Online Banking. So, this is quite easy to track.
- Here I propose a new solution in making which can dashboard all your expenditures date-wise, Partner Wise and month wise. Everything on a single dashboard.

Chrome Bookmarks Analysis using NLTK Python [Research]

Dec, 2019 – April, 2020

Data Science & Analytics

- In this project, I exported all my chrome bookmarks since the year 2015 till 2020, performed Exploratory Data Analytics on it and cleaned my own data using various packages. In this process, I cleaned bookmarks such which had e-Commerce tags such as Amazon, Flipkart etc.
- Post EDA, I performed basic aggregations on the data to understand where I spent most of my time. Labelling & Classifying each tech buzz word in my bookmarks, I visualized an entire data of 5 years and obtained insights on the Programming languages and resources that I learnt over time.
- This gave me a new insight towards my learning curve and how I relied mostly on PDF's and preferred videos after going through content PDF. A self-assessment. I'm working on how to use sci-kit to predict the fruitfulness of my learning curve ahead of time.

Protecting Patient's health using the Blockchain Drug Supply Chain [Research]

April 2019 – Feb 2020

Handbook of Research on Drug Discovery and Development in the Digital Age

- Drugs are tracked from the root central level to the distribution level by maintaining a distributed open ledger to record the movement of drugs. This has been implemented and sent for patents, also published in the "Handbook of Research on Drug Discovery and Development in the Digital Age".

Malaysian Township Full-Stack Development [Internship]

Jan 2016 – Feb 2018

Full Stack Development

- A Real-Time project which encompasses the development of frontend and backend for a residential society, to manage accounts and payments of hundreds of residents residing. Includes development of front-end(HTML,JS,CSS) and back-end(SQL,PL-SQL).
- The ideation behind the execution of this idea was to establish a distributed ledger-based system for maintaining society cash inflow and outflow which was previously monitored using a notebook ledger. Our task was to create a standalone application that would actually maintain a database for all the previous years so that a PL/SQL report can be run to directly execute a transaction that returns the funds expenditure in the past few years as compared to the present year.

Publications | [Medium Profile](#) | [ResearchGate Profile](#) |

- Published a Book in IGI Global on " Protecting patient health from the blockchain drug supply chain"
- Published an IEEE paper on "Blockchain-based dApp to curb hoaxes on Social Media using Decentralized voting system" in IJEAT (International Journal of Engineering and Advanced Technology),2019.
- Published an IEEE paper on "Increasing the Efficiency of Outcome in Chatbot by Applying Embedded Search Engine by Using JavaScript" in ICRIEECE 2018 (KIIT, Bhubaneswar).
- Published an IEEE paper in IREHI-2018 on "Encountering Fake Reviews on E-Commerce Websites.
- Discovered and Reported multiple bugs in the Database design & Functionality of the Extension to the EnGrip CEO (Mr. Anil Kumar Ghorakavi).
- Wrote 2 books that are available on Amazon under the name "Beyond the Mundane Glance Psychology Unfolded" (Top Seller, 2018) & "My Part of Life- Stories, Letters, Blogs".
- Gave Research-Oriented Technical Internal Internships to 6 students in college under the blog and guest-posted a blog by tenfold.com under the blog.

Certifications & Accomplishments | [LinkedIn Profile](#) |

- Trained a 20-member professional team at Accenture on "Hands-On Python-Programming" using Jupyter NB & Python CLI for 6 weeks. (April - June 2020).
- Certificate of Merit: DPhi-5Week Advanced Data Science Bootcamp (July, 2020)
- Gave Research-Oriented Technical Internal Internships to 6 students in college (SNIST) under the blog and Did a technical collab blog with tenfold.com.
- Certified for Python by *HackerRank*. (Aug, 2020)
- Lean Six Sigma White Belt Certification by *The Council for Six Sigma Certification (CSSC)*
- DB5 SQL Querying & XML Data Processing by *Stanford*. (Jan, 2020)
- Certified for "Ultimate Web Design for Coders" by *Accenture*. (December 2018).
- Design Thinking Methodology by *International Business Management Institute (IBMI)*. (Feb, 2020)
- In-Memory Data Management by *Hasso Plattner Institute*. (Dec, 2019)
- Participated in the GTIC-2020 Innovation contest for Society and Business in *Accenture Innovation Challenge*.
- SAP Data Intelligence for Enterprise AI by *SAP*. (Feb, 2020)
- Business Process Automation in SAP S/4HANA with SAP Intelligent RPA by *SAP*. (Feb, 2020)

Community Involvement

Subject Matter Expert – Chegg, AntWak & Great-Learning

2020 – Present

[Data Science Speaker Profile](#)

- Answered queries on Computer science & wrote blogs on fields such as Agile, Data Analytics and Machine Learning with a maximum plagiarism of 3-5%.

Tech-Educator & Contributor

2019 – Present

<https://community.upskillforum.com/kalyanparimi>

- Contributed multiple articles on how to crack technical interview rounds for those laid off from their jobs due to COVID-19.
- Posted on various ways in which an individual can use platforms to display his projects.

Author

<https://www.theteenpop.com/author/kalyan-parimi/>

2020 - Present

The Teenpop Magazine, India's first youth-based digital magazine

- Wrote multiple articles for the magazine on Psychology, Human Behavior, and Literature.

Author & Editor

2016 – Present

<https://mypartoflife.blog>

- A blog that talks about Mental health, Short stories, and letters with Psychological conclusion.

Personal Traits and Interests:

- Professional Curiosity
- Diligent, Innovative & Collaborative
- Coding, Research on Data Science and Exploring Technical Articles.
- Blogging and Writing technical and Non-technical content.
- Writing/Reading answers on Quora-Spaces.