

Febin George

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PROFESSIONAL SUMMARY

Data Analyst with experience in SQL, Python, Power BI, and Excel, specializing in data cleaning, dashboard development, and business intelligence reporting. Strong background in web engineering with expertise in transforming raw data into actionable insights to improve operational efficiency and decision-making.

EDUCATION

Bachelor of Computer Applications (Computer Applications) Kristu Jayanti College	2019 - 2022 Grade: 8.5/10.0
Intermediate (Class XII) Nirmala HSS Chemperi	2016 - 2019 Grade: 83.0%
Matriculation (Class X) Niramala HSS	2016 - 2017 Grade: 92.0%

EXPERIENCE

Senior Web App Engineer November 2023 - June 2024
If Else Cloud *Remote, New Zealand*

- Led development of Kypeco, a smart manufacturing and MES platform.
- Architected and implemented real-time dashboards, work-order management, and reporting modules.
- Collaborated with backend teams to ensure scalability, reliability, and performance.
- Conducted code reviews, maintained security standards, and mentored junior developers.
- Drove improvements in UI/UX and product performance through iterative feedback and testing.

Software Engineer July 2022 - November 2023
Nous Infosystems *Hsr layout, Bangalore*

- Engineered and maintained single-page applications (SPAs) using AngularJS.
- Built modular UI components and interactive data visualizations with Kendo UI.
- Integrated RESTful APIs for dynamic and responsive front-end performance.
- Ensured responsive design and cross-browser compatibility using SCSS and Bootstrap.
- Collaborated with cross-functional teams for feature implementation and troubleshooting.
- Applied Agile principles, Git version control, and performance optimization best practices.

PROJECTS

Columbia Asia Hospital Analysis ([Github](#)) ([Demo](#)) November 2025

- This data analysis project evaluates Columbia Asia Hospital's operational and financial performance using Power BI, SQL, and Excel.
- By analyzing a dataset of over 500 patient interactions, the study identifies Orthopedics and General Practice as the primary revenue drivers (contributing 66% of total income) and highlights critical demand peaks in August.
- Key insights reveal that while wait times are stable at 35–37 minutes, patient satisfaction is primarily influenced by communication and care coordination, offering a roadmap for strategic staffing and improved service quality.

Chinook Music Store Data Analysis ([Github](#)) ([Demo](#)) September 2025

- A comprehensive SQL analysis of the Chinook digital music store database. This project explores customer behavior, sales trends, artist performance, and genre popularity to derive business insights.

IT Ticket Analysis ([Github](#)) ([Demo](#)) May 2025

- Developed an interactive dashboard to analyze IT support ticket data.
- Identified patterns in resolution time and agent performance using Excel and SQL.
- Enhanced operational efficiency and customer satisfaction metrics.

CERTIFICATIONS

Data Analyst Newton School ([Link](#)) May 2025

Data Analyst Certification after completing modules from Newton School.

Cyber Security Internship RedTeam Hacker Academy ([Link](#)) September 2024

Cyber Security Internship

PCAP:PYTHON Python Institute ([Link](#)) September 2021

PCAP Python Programming.

AWS Academy Cloud Foundations AWS ([Link](#)) August 2021

AWS Academy Cloud Foundations course.

Database Foundations Oracle ([Link](#)) March 2021

Oracle Academy Database Foundations course.

SKILLS

Computer Language: Python, SQL

Courses: Data Structure

Soft Skill: Decision-making, Leadership, Presentation Skills, Research

Databases & Data Tools: Excel, MySQL, PostgreSQL, Power BI, Spreadsheet, Supabase

APIs & Testing: API

Cloud & DevOps: Virtualization

Frameworks & Libraries: Matplotlib, NumPy, Pandas