

SUNIL BIRIYA

Bengaluru, Karnataka — +91 8668260265 — biriyasunil25@gmail.com
LinkedIn — GitHub — Portfolio

Summary

Software Developer skilled in JavaScript, Python, SvelteKit, SQL, and automation workflows. Experienced in building production features, deep learning applications, and WordPress automation systems that reduce manual effort and improve efficiency.

Experience

Freelance WordPress Developer IndoGerman Education Consultancy, Remote <i>WordPress, PHP, MySQL, DataTables.js</i>	Nov 2025 – Dec 2025
Developer Intern ExclCloud, Bengaluru <i>SvelteKit, Supabase, JavaScript, MS Teams Bot Framework</i>	Dec 2024 – Feb 2025

- Developed a custom plugin for automated CSV imports and PDF report generation, reducing manual workload by 95% across 500+ student records.
- Built an admin dashboard enabling one-click data refresh and cleanup, increasing database accuracy from 68% to 100%.
- Integrated a searchable, paginated, and exportable DataTable improving operations team data retrieval speed by 70% (from 15 mins to under 5 mins).

Projects

MRI Tumor Detection (Deep Learning)	Python, EfficientNet-B0
<ul style="list-style-type: none">• Achieved 96% classification accuracy and 0.94 AUC by training EfficientNet-B0 on 3,000+ MRI images.• Reduced false negatives by 15% using optimized preprocessing, augmentation, and hyperparameter tuning.	
Customer Shopping Behavior Analysis	Python, SQL, Power BI

- Analyzed 3,900 customer transactions across 18 features identifying major revenue drivers, discount usage patterns, and subscription trends.
- Engineered new features such as age groups and purchase frequency, improving segmentation clarity by 40%.
- Built 12+ SQL queries covering revenue by gender/age, discount dependency, product performance, and customer lifecycle (New, Returning, Loyal).
- Designed a Power BI dashboard with 6+ pages visualizing KPIs, customer segments, ratings, and discount impact — reducing stakeholder analysis time by 60%.

Education

Master of Computer Applications CMR University, Bengaluru CGPA — 8.03	2023 – 2025
Bachelor of Computer Applications MES College (Goa University), Goa CGPA — 7.93	2020 – 2023

Technical Skills

Languages — JavaScript, Python, SQL
Web / Frontend — HTML, CSS, Tailwind, SvelteKit, React.js
Data & ML — Pandas, NumPy, TensorFlow, PyTorch, Power BI
Databases — Supabase, MySQL
Developer Tools — Git, GitHub, VS Code
Other — WordPress Dev, MS Teams Bot Dev