

# SUNIL BIRIYA

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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**Nov 2025 – Dec 2025
- IndoGerman Education Consultancy, Remote
- WordPress, PHP, MySQL, DataTables.js
- 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).
- Developer Intern**Dec 2024 – Feb 2025
- ExclCloud, Bengaluru
- SvelteKit, Supabase, JavaScript, MS Teams Bot Framework
- Delivered 3+ high-impact SvelteKit features for Donut used by 1,200+ employees, improving user interaction latency by 22%.
  - Built a One-on-One Meeting automation module reducing scheduling coordination time by 30% across 200+ monthly meetings.
  - Created an MS Teams Taco Reward bot automating recognition messages and improving participation rates from 25% to 65% (+40%).

## Projects

- MRI Tumor Detection (Deep Learning)**Python, EfficientNet-B0
- 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**2023 – 2025
- CMR University, Bengaluru
- CGPA — 8.03
- Bachelor of Computer Applications**2020 – 2023
- MES College (Goa University), Goa
- CGPA — 7.93

## Technical Skills

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