

Harikrishnan A

Computer Science Engineer

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GitHub: github.com/Harikrishnan-hub

Professional Summary

Computer Science graduate skilled in data analytics, SQL, and cloud deployment — with real hands-on experience in DNS, domain authentication (SPF/DKIM/DMARC), and deploying live web applications.

Skills

Programming Languages: Java, JavaScript, SQL

Web Technologies: HTML5, CSS3

Database Management: MySQL, SQL Queries, Power Query, Data Modeling

Data Analytics & BI: Power BI, Excel Dashboards

Frameworks & Libraries: NumPy, Pandas

Testing & QA: Manual Testing, Test Case Design, Bug Reporting, SDLC/STLC

Cloud & Deployment Technologies: Cloudflare Pages, Static Site Hosting, Domain Routing

DNS & Email Infrastructure: DNS Management, SPF, DKIM, DMARC, MX Configuration, Custom Domain Email Setup, Deliverability Optimization

Email Systems: Zoho Mail, Brevo

Developer Tools: GitHub, MySQL Workbench, VS Code, Jupyter Notebook

Soft Skills: Content Writing, Email Marketing, Report Documentation, Presentation Skills

Projects

Custom Domain & Email System Setup

- Configured domain hosting & DNS via Cloudflare
- Implemented MX, SPF, DKIM, DMARC records for authenticated email
- Configured Zoho Mail & Brevo for verified domain sending
- Deployed portfolio site using Cloudflare Pages with HTTPS

- Reduced spam-risk and improved inbox placement through authentication

SignMeet – AI Communication Platform

- Developed sign-to-speech & speech-to-sign interaction using Python & OpenCV
- Designed Flask APIs for translation and UI communication
- Built accessible front-end UI for real-time gesture interaction

Netflix Data Insights Using SQL

- Analyzed Netflix dataset for patterns in genres, countries & time trends
- Implemented SQL window & aggregate functions
- Documented insights with query results & clean interpretation

Call Centre Trend Analysis (Power BI)

- Built interactive Power BI dashboards for agent performance
 - Used DAX & data modeling for trend insights & KPIs
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Internship

Power BI Developer Intern — KEYKODERS (Dec 2024 – Jan 2025)

- Built dashboard solutions in Power BI with real-world data
 - Performed data cleaning, aggregation & relationship modeling
 - Collaborated on report structuring and visualization options
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Education

B.E. Computer Science & Engineering (2022–2025)

Theni Kammavar Sangam College of Technology

CGPA: 8.44

Diploma in Computer Science Engineering (2019–2022)

Government Polytechnic College

Percentage: 78%