ACHYUTH S S

Bengaluru, Karnataka · achyuthss2003@gmail.com · 9448826746 · [Github](#) · [LinkedIn](#) · [Codeforces](#)

EDUCATION

PES University, Bangalore   GPA 7.5
Bachelor of Technology in Electronics and Communication Engineering   Sep 2021 - Aug 2025

WORK EXPERIENCE

KPMG India | Internship (Jan 2025 - Jul 2025)   Bengaluru
- Built a similarity search engine for JIRA and other bug-tracking platforms, reducing duplicate bug reports by ∼**30%** and accelerating issue triaging.
- Developed with Sentence Transformers for semantic search and deployed as a scalable Azure App Service, improving accessibility across engineering teams.

Nokia Corporation | Project Trainee (Apr 2024 - Jul 2025)   Bangalore
- Automated and streamlined the escalation workflow to third-party service providers, cutting resolution times by ∼**40%** and improving cross-team clarity.
- Designed and deployed a scalable Next.js escalation management platform that improved operational productivity by 60%, reducing manual tracking effort.

True Data Software | Full Stack Developer Intern (Aug 2023 - Oct 2024)   Remote
- Designed and implemented an **ERP and CRM system** that automated reporting and streamlined lead/deal management, saving ∼**40** hours per month for sales teams and improving conversion tracking.
- Worked on an ESD Dashboard for real time fetching from Raspberry Pico board using Wiznet W5500 Ethernet, enabling multi-client hardware data integration.

OPEN-SOURCE CONTRIBUTIONS

PESU Dev   Remote
- Fixed Authentication System for **PESU Auth API**, revamping login reliability for several users and improved data accuracy for the API.   [Link](#)
- Setup pre-commit and CI workflows for PESUAcademy, improving contributor onboarding and reducing code review time by 25%.   [Link](#)
- Configured Documentation and DevOps workflows for **Auth Link Portal** enhancing verification process efficiency for PESU's Discord server with 5,000+ members.   [Link](#)

Reactibot   Remote
- Authored clean documentation updates and replaced depreceated command references, reducing support queries in community channels.
- Implemented logic to parse commands inside code blocks, cutting false-positive bot responses by ∼**40%** and improving command accuracy.   [Link](#)

PROJECTS

Prediction of Handover performance in Dense Cellular Networks | *Python, Transformers, TensorFlow*   [Github](#)
- Implemented, archietctured and engineering an approach to pre-emptive time series prediction of cellular handover failues on a synthetic dataset using XGBoost and LightGBM Models
- Developed this predictive model to enable pre-emptive call drop detection potentially increasing operator revenue by up to 40% through improved service reliability.
- Published at the 13th International Conference on Information Technology and Science presented in June 2025

Pharma RAG ChatBot | *PyTorch, Natural Language Processing, Deep Learning*   [Github](#)
- Engineered a domain-specific pharmaceutical RAG chatbot using LLaMA 3.8B, cutting query response time by ∼35% and enhancing answer accuracy with context-aware retrieval.
- Employed advanced frameworks including **LangChain** and Hugging Face to implement **Retrieval-Augmented Generation (RAG) techniques**, improving the chatbot's ability to provide accurate and contextually relevant responses.

ACHIEVEMENTS/CERTIFICATES

- Secured **2nd place** at global level in the **IMB-Z Datathon 2023 out of 800+ teams**.   [Link](#)
- **Google Certifications as part of Skills Boost Program** in 2025 in Tensorflow and Angular [Link](#)

SKILLS

Programming Languages:	Python, Javascript, TypeScript, Java, C, C++
Database Management Systems:	MySQL, Mongo-DB, PostgreSQL
AI/ML:	Tensorflow, PyTorch, Vector Databases, LangChain, LLMOps
Frontend Development:	HTML, CSS (Bootstrap and Tailwind), JavaScript, React Native
Tools:	Git, GitHub, VS Code, Jupyter Notebook, Google Workspace Suite
Libraries / Frameworks:	Flask, NLTK, Streamlit, Gradio, Next.js, React.js, Node.js
DevOps:	Grafana, Docker, Microsoft Azure, GCP
Soft Skills:	Organised, Adaptive Learner, Leadership Capability