

Harshith Gamini

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EDUCATION

Indian Institute of Technology, Bhubaneswar

Odisha, India

Bachelor of Technology in Electrical Engineering (CGPA - 8.70/10.0)

2022 - 2026

EXPERIENCE

Zscaler

Intern - Software Development, Bangalore, India

May 2025 - July 2025

- Revamped the QBR pipeline from a rigid, hard-coded system into a dynamic, self-service BI platform using Apache Superset, Trino, Iceberg, and S3.
- Recreated the end-to-end pipeline using Trino + Iceberg on AWS S3, forming the foundation for the QBR Data Mart, where business-contextual data is modeled dimensionally for efficient analysis atop the Data Fabric Layer.
- Added features like custom “slide layout” dashboards and native PPT export, while contributing fixes to upstream Apache Superset’s open-source repo.
- Adoption of self-service QBR platform using Apache Superset aims in significantly reducing the reporting burden on engineering and empowering the data team with greater autonomy.

Pulse

Intern - Software Development, Hyderabad, India

May 2024 - July 2024

- Developed authentication workflows (email/password and Google OAuth) for onboarding of users and implemented JWT-based login with React.
- Integrated Swagger-documented backend APIs and third-party tools like Jira and Slack into the frontend, ensuring consistent and scalable communication between services.
- Optimized Frontend performance with lazy loading and seamless API connections for smooth user experience.

TECHNICAL SKILLS

Programming Languages: C, C++, Python

Web Technologies: ReactJS, NodeJS, ExpressJS, HTML, CSS, JavaScript, TypeScript

Databases: PostgreSQL, MongoDB

Tools: VS Code, Docker, Postman, Git, MATLAB, Jupyter Notebook

Data & Analytics: Pandas, NumPy, Matplotlib, Scikit-learn, PyTorch

Concepts: Data Structures & Algorithms, OOP

PROJECTS

- **Apache Superset:** Contributed layout, CSS templates and theming fixes upstream to support enterprise reporting; collaborated with Superset maintainers on PRs and issue resolutions. [GitHub](#)
- **Spotify Clone:** Engineered a personal music streaming platform mimicking Spotify using Next.js, Supabase, and Tailwind CSS, delivering a highly responsive interface with secure user authentication and playlist creation features. [GitHub](#)
- **Two Player Chess:** Implemented a chess board with pieces on either side allowing multiplayer movement. Used Raylib - a library based on C to add features like graphics and audio on movement of pieces which makes the user experiences better. Two-Player-Chess was developed as a capstone project for Course (CS1P001, Introduction to Programming and Data Structures), IIT Bhubaneswar. [Github](#)

EXTRA CURRICULARS

Quiz Society, IIT Bhubaneswar

Governor

August 2024 - April 2025

- Organized and conducted multiple quizzes while leading a team to ensure smooth execution of events.
- Mentored junior members of the Quiz Society, providing training sessions and resources to help them excel in quizzes.

Tensor - Machine Learning Club, IIT Bhubaneswar

Core Member

Jan 2024 - Present

- Mentored juniors providing guidance and resources to help them get started in Machine Learning.