

Adarsh Jaiswal

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Education

IES Institute of Technology and Management

Sep. 2022 – May 2026

Bachelor of Technology in Computer Science

CGPA: 7.52

Relevant Course Work: Data Structures and Algorithms, Database Management System , Operating Systems, Object Oriented Programming

Experience

The Saas Company

Feb 2024 – Apr 2024

Software Engineer Intern

Remote

- Developed an open-source library named **Xray** in Go for efficient database schema extraction and Implemented specialized methods for MySQL, PostgreSQL, Snowflake, BigQuery, Microsoft SQL Server and Redshift, reducing schema retrieval time by 45% and streamlining development workflows for Go projects.
- Built a command-line interface (CLI) application using Cobra to interact with diverse SQL databases supported by the Xray library.
- Enhanced Xray's robustness with comprehensive unit tests, achieving 75% code coverage to ensure functionality and performance, providing developers with a reliable Go library for database schema extraction.

Shipwright-io

Feb 2024 – Present

Open Source Contributor

Remote

- Actively contributed to **Shipwright-io** a CNCF Sandbox project and framework for building container images on Kubernetes, as an Org Member.
- Contributed significantly to the Shipwright CLI and build process, including implementing feature enhancements and fixing multiple bugs.
- Continuously engaged in resolving issues, collaborating on critical updates, and driving improvements across the project.

Projects

Shipper | Go



- Developed a developer tool designed for building container images without the need for writing Dockerfiles.
- Utilized Go, Kubernetes API, Shipwright and Terraform to architect and deploy the complete infrastructure on Azure AKS and led the development of the entire application from initial concept to production deployment.

Weather app | Go



- Built a simple weather forecast CLI application in Go that fetches data from a weather API
- Displayed current weather and 12-hour forecast for a specified location in both terminal and web browser

Book My Hotel | Go



- Developed a scalable Hotel Reservation System backend using Go (Gofiber) with JWT authentication and MongoDB.
- Implemented CRUD operations for hotel room bookings, enabling seamless reservation management. Created an admin section for managing bookings, hotels, and rooms.

Technical Skills

Languages: Go, C++, Java

Databases: MongoDB, PostgreSQL

Technologies/Frameworks: Git, Linux

Leadership / Extracurricular

- * **Google Developer Students Club Lead:** : Founded and spearheaded the GDSC chapter, boosted awareness and skill development in students, by 75% with workshops and training, receiving positive feedback and an average satisfaction rating of 4.8/5.
- * **Organizer CNCF Bhopal:** Spearheaded the Cloud Native Computing Foundation Bhopal chapter, a thriving community of 750+ enthusiasts, and promoted cloud native technologies with workshops and trainings.
- * **NextArch Foundation Ambasaador**