

## OBJECTIVES

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Final-year AI/ML engineering student passionate about backend engineering and AI-native systems. Skilled in building scalable microservices, connectors, and metadata-driven platforms using Go, Node.js, and cloud-native tooling.

## CAREER SUMMARY

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- Passionate about backend engineering and AI-native systems.
- Skilled in building scalable microservices, connectors, and metadata-driven platforms.

## SKILLSET

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Domain	Category	Skills
Programming Languages	languages	Golang, Nodejs
Backend	Server Runtime	Node.js, Go
	Backend Frameworks / Libraries	Express
	Databases (SQL)	PostgresSQL, PostgreSQL
	Databases (NoSQL)	MongoDB
	Caching Systems	Redis
AI / ML	ML Libraries	Pytorch, scikit-learn
	Models / LLMs Used	LangChain
Cloud	Cloud Platforms	AWS
	Cloud Services	EC2
DevOps	Containerization & Orchestration	Docker, Kubernetes

## EMPLOYMENT HISTORY

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### Software Development Intern at Accenture

Nov 2022 – May 2026

- Contributed to backend microservices by integrating AI-powered workflows into distributed systems, improving automation and developer efficiency.
- Enhanced data pipeline components by building metadata-driven APIs, enabling smoother data exchange and governance across services.
- Worked with cloud-native tooling (Docker, Kubernetes) to containerize and deploy ML-backed backend services, ensuring scalability and reliability.

## PROJECT SHOWCASE

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### Metadata Catalog and Search System

Technologies: Go, PostgreSQL, gRPC

- Designed a simplified metadata catalog inspired by Atlan's Metastore, storing dataset schemas, owners, and lineage in PostgreSQL.
- Built search APIs (REST gRPC) for discovering datasets using tags and metadata properties.
- Integrated an AI-native feature: natural language queries translated into SQL queries with OpenAI API for intuitive metadata exploration.

### Pluggable Data Connector Framework

Technologies: Go, Docker, Postgres

- Developed a modular connector system enabling ingestion of metadata from multiple data sources.
- Implemented a plugin-based architecture so new connectors can be added with minimal changes.
- Normalized extracted metadata into a standard JSON format stored in MongoDB, enabling interoperability.

### Scalable Online Marketplace Backend

Technologies: Node.js, Microservice Architecture, PostgreSQL, Redis

- Built a secure and scalable Node.js backend using Express 5 and modern libraries like helmet, bcrypt, and jsonwebtoken.
- Integrated PostgreSQL and Redis for efficient data storage and caching, with real-time communication via socket.io.
- Implemented file uploads and detailed logging using multer, express-rate-limit, and Pino.

## EDUCATION

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- B.E. in Artificial Intelligence and Machine Learning from Alvas Institute of Engineering and Technology