

Kunal

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Experienced in **backend development** with a proven ability to **build scalable systems** and **AI-driven solutions**. Skilled in **Node.js**, databases, and AI model integration, with specialized expertise in **Generative AI** and **Retrieval-Augmented Generation (RAG)**. Demonstrated success in leveraging **problem-solving skills** and **innovative thinking** to deliver impactful backend solutions. Passionate about using cutting-edge technologies to drive meaningful contributions in backend development and **AI integration**.

EDUCATION

Birla Institute of Applied Sciences

Bachelor of Technology in Electronics and Communication Engineering

Bhimtal, Uttarakhand

Aug. 2019 – Jun. 2023

EXPERIENCE

Specialist Software Developer

Jan. 2025 – Present

Udhyam Learning Foundation

Bengaluru, India

- * Built a **RAG model** for **WhatsApp chatbot**, **reducing response times by 30%** and **handling 150+ queries/day**, boosting **user engagement by 20%**
- * Created **Node.js APIs** to integrate 3+ systems, reducing manual processes by 40% and improving system reliability by 25%
- * Developed a pipeline **linking MySQL to BigQuery**, syncing 100+ records/day and increasing data retrieval efficiency by 35%

Associate Software Developer

Sept. 2023 – Jan 2025

Udhyam Learning Foundation

Bengaluru, India

- * Developed and implemented various chatbot flows using the Glific platform
- * Wrote SQL queries for processing **100+ data points**, improving report generation speed by 30%
- * Designed dashboards accessed by **15+ executives**, leading to a 20% increase in data-driven decisions.

PROJECTS

Banking System Backend

[Github-link](#)

- * Developed a backend banking system in Node.js with features such as user registration, login, fund transfer, and password reset.
- * Utilized MongoDB for data storage and JWT for authentication. Implemented custom middleware for user authorization, error handling, and asynchronous operations.
- * Structured the project with separate folders for configuration, models, routes, and views, and provided an HTML interface for the home route

Crypto-Tracker

[Website-link](#)

- * A fully responsive website used to track the crypto details.
- * Crypto information is fetched from an API (coingecko)..
- * User can get the complete details of crypto market via this app.

TECHNICAL SKILLS

Languages: JavaScript, Python, Go lang, C/C++

Cloud Platform Tools: Google Cloud Platform, Looker Studio, Google Apps Script

Frameworks: Node.js, Flask, Express.js, Django, FastAPI

AI & Machine Learning: Generative AI

Developer Tools: Git, Docker, VS Code, Visual Studio

Databases: SQL, MYSQL, MongoDB