

Nikita Negi

Backend Developer | Golang Developer | Software Engineer

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Profile

Detail-oriented Backend Developer with 1 year of experience in building scalable microservices using Golang and PostgreSQL. Proficient in RESTful APIs, containerized deployments with Docker, and database optimization. Passionate about solving real-world problems through clean and efficient code.

Skills

Programming Languages: C++, Python, Golang, SQL, Bash, HTML, CSS

Databases: PostgreSQL

Tools & Platforms: Linux, Git, GitHub, Docker, Postman, Jira, PgAdmin, VS Code, MobaXterm, DbSchema

Core Concepts: REST API, Microservices, OOPs, Data Structure and Algorithms, OS, API Testing

Work Experience

TriventCAD Solutions

Associate Software Engineer

Oct 2024 – July 2025

- Developed a microservice named [DAT Tool Management](#) using Golang, used by CAD designers to efficiently store and manage data.
- Deployed the microservice in Docker containers, ensuring scalable and consistent deployment environments.
- Built and maintained 12+ RESTful APIs enabling Create, Read, Update, Delete (CRUD) operations for 30,000+ records in PostgreSQL, improving data accessibility by 40%.
- Managed and optimized performance for a PostgreSQL database with over 30,000 records, scaling by 40% month-over-month.
- Conducted rigorous API testing using Postman, identifying and resolving issues before production releases.

IT Intern

July 2024 – Sept 2024

- Built a dedicated microservice called [Lead Management](#) using Golang to track and manage customer leads.
- Integrated Twilio third-party API for automated SMS notifications, increasing customer engagement by 60%.
- Implemented RESTful APIs for creating, updating, and deleting leads, enabling real-time data interaction.
- Architected and managed PostgreSQL schemas and tables to support efficient data storage and retrieval of lead information.
- Deployed the application using Docker containers, ensuring consistency across development and production environments.
- Utilized Postman for testing all endpoints, ensuring 95% API reliability before deployment.

Projects

Food Delivery Website

- Designed and developed a user-friendly webinterface for a food delivery platform, enabling users to browse menus and place orders.
- Tools : HTML, CSS

Certifications / Courses

- Data Structures & Algorithms from Explorin Academy
- C++ and Data Structure & Algorithms from Focus Academy
- Git and GitHub from Geekster

Education

Shivalik College of Engineering

Bachelor of Technology in Computer Science

2022 – 2025

Dehradun, Uttarakhand

Government Polytechnic Dehradun

Diploma in Information Technology

2018 - 2021

Dehradun, Uttarakhand