# Rohn Roy

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## Professional Summary

Results-oriented **Software Developer** with expertise in **Python, JavaScript, and full-stack web development**. Proficient in delivering **scalable, high-performance solutions** using **Django** and **React**. Proven track record of improving **API response times by 25%** and increasing **database efficiency by 30%**. Adept at leveraging technical and interpersonal skills to drive collaboration and deliver innovative solutions.

## Skills

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|---|---|
| **Programming** | Python, JavaScript, Java, C++ |
| **Frameworks** | Django, Flask, React, FAST API |
| **Web Technologies** | HTML, CSS, REST APIs, JSON, jQuery |
| **Databases** | MySQL, PostgreSQL, SQLite, MongoDB |
| **Cloud Platforms** | AWS, Azure |
| **Tools and Platforms** | Git, Postman, VS Code, PyCharm |
| **Development Practices** | Agile, SDLC, Troubleshooting, Debugging |

## Soft Skills

- Communication
- Team Leadership
- Collaboration
- Problem-Solving
- Adaptability
- Time Management

## Professional Experience

**Freelance Web Developer**                    *Remote — January 2024 – Present*

- Designed and deployed **dynamic web applications** using **React and Node.js**, integrating **AWS cloud services** to optimize performance.
- Spearheaded the development of **Nature Spicy**, an e-commerce platform for spices, achieving a projected **25% improvement in sales efficiency** by enhancing user experience.
- Collaborated with clients to translate business requirements into **technical specifications**, delivering scalable and user-friendly solutions.

**Python Full Stack Intern** – Luminar Technolab, Ernakulam          *June 2023 – December 2023*

- Developed **scalable applications** using **Python, Django, and Flask**, ensuring **24/7 reliability**.
- Engineered and optimized REST APIs, improving responsiveness by **25%**, reducing response time from 400ms to 300ms.
- Increased **database efficiency by 30%** by optimizing SQL queries and indexing.
- Contributed to **Agile development practices**, ensuring timely project delivery and high-quality code.

# Projects

**Track and Pack - Bus Tracking System**                                          *Python, Google Maps API*

- Developed a real-time bus tracking system to improve **operational efficiency and route planning**.
- Integrated Google Maps API for accurate geolocation and tracking features, handling up to 100 active users simultaneously.
- Live location updates, estimated arrival times, and route optimization implemented to enhance user experience and streamline operations.

**Nature Sanctuary - Resort Booking Platform**                                          *React, Django*

- Designed and developed a **responsive web application** for resort bookings, achieving **15% increase in user engagement**.
- Implemented secure authentication and booking management systems, processing up to 200 reservations daily.

**GitHub Profile**

- View more projects at: github.com/RohnRoy

# Education

**Master of Computer Application**                                          *July 2024 – Expected July 2026*
Indira Gandhi National Open University (IGNOU)

**Bachelor of Computer Application**                                          *2018 – 2021*
Mahatma Gandhi University, Kottayam

# Certifications

- **Python - Web Development Expert**, National Council for Technology and Training (NACTET)
- **Python Full Stack Development**, Luminar Technolab

# Additional Information

- Languages: Fluent in English and Malayalam
- Interests: Exploring AI/ML advancements, including predictive analytics, and natural language processing