

Shirish Maharjan

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WORK EXPERIENCE

Procit B.V

Feb 2025 – Mar 2026

Junior Software Developer

- Maintained and enhanced multiple enterprise SaaS applications, handling real-world workflows and large datasets.
- Optimized application performance, reducing load time from approximately 50 seconds to under 5 seconds, significantly improving user experience.
- Refactored codebase and resolved production-level bugs, improving system stability and maintainability.
- Developed and optimized SQL stored procedures and backend logic, improving data processing efficiency.
- Collaborated with cross-functional teams in an enterprise environment, contributing to production deployments and feature releases.

Saptacode Technology

May 2024 – Aug 2024

Frontend Developer Intern

- Built full-stack web applications using React, Next.js, and NestJS, improving application responsiveness and usability.
- Developed a finance tracking system with optimized data handling, resulting in smoother real-time updates.
- Collaborated in an agile environment, contributing to feature delivery and code quality improvements.

Design Substance Inc.

Feb 2022 – Nov 2022

Computer Vision Engineer

- Developed and trained a custom model using Python, OpenCV, YOLOv4, and TensorFlow for real-time object detection, achieving 95% accuracy.
- Gathered and curated a comprehensive dataset, resulting in a 30% improvement in detection accuracy.
- Implemented ROI-based object counting, enhancing system automation and data accuracy.

EDUCATION

Prime College | Bachelor (B.Sc. CSIT)

2021 – 2025

Bernhardt Secondary School | +2 Science

2018 – 2020

Kuleshwor Awas School | SEE

2008 – 2018

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL

Frontend: React.js, Next.js, jQuery, HTML, Tailwind CSS

Backend: Node.js, NestJS, Express.js, REST APIs

Database: MSSQL, PostgreSQL, Prisma, MongoDB

Tools: Git, Postman, Azure Pipelines, n8n

PROJECTS

Grievance Redressal System | [📄 github.com/Yakumaa/maitighar](https://github.com/Yakumaa/maitighar)

- Built a full-stack MERN application during a hackathon (MVP in 30 hours), later refined for scalability and usability.
- Implemented authentication, issue reporting, and a community-driven upvoting system to prioritize real-world problems.
- Integrated map-based visualization for easy identification and tracking of issues and suggestions.

Finance Management System | [📄 github.com/Yakumaa/budgetbuddyv2](https://github.com/Yakumaa/budgetbuddyv2)

- Built a full-stack finance tracking application utilizing Next.js, NestJS, Tailwind CSS, and Prisma.
- Implemented real-time expense tracking and categorization, improving financial visibility for users.
- Designed scalable backend architecture with efficient database queries and API handling.