

# Anish Paudel

Software Engineer

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[portfolio](#) | [leetcode.com/rpaudel379](https://leetcode.com/rpaudel379) |

## TECHNICAL SKILLS

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**Languages:** Javascript, Java, Python

**Frameworks and tools:** NodeJS/NestJS, Spring Boot, ReactJS/NextJS, Typescript, SQL, MongoDB, Docker, Linux, Monorepo, Data Structures and Algorithms, Git, Jira, AI/ML

## EXPERIENCE

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### Associate Software Engineer

May. 2025 - July. 2025

*Viveka Health*

*Kathmandu, Nepal*

- **Enhanced Elasticsearch** indexing by creating a **zero-downtime** reindexing route that updates aliases seamlessly, reducing indexing **downtime** to 0% and ensuring 100% **data consistency** across 2M+ documents.
- Developed a **fault-tolerant AWS S3** upload pipeline in **Spring Boot**, implementing cross-platform filename sanitization and safeguards that prevented cascading **production** failures across **microservices**.
- **Initiated and developed** production workflow **documentation** for **AWS** infrastructure, secure SSH access, and **troubleshooting** procedures, improving team **efficiency** and facilitating smoother **knowledge transfer**.
- Built a **secure token-based auto-login** in **Next.js**, enabling seamless access for users coming from an external platform.

### Associate Software Engineer

Sept. 2024 - Mar. 2025

*LogicaBeans*

*Kathmandu, Nepal*

- **Owned end-to-end development** of a multi-tenant **Node.js** email service supporting **real-time** IMAP ingestion and multi-webhook **automation**, streamlining ticket generation and significantly **improving response times** for support teams.
- **Developed** a streamlined **Laravel** data export solution, enabling clients to **efficiently** extract and analyze large datasets while **reducing server load** and **processing time by 40%**.
- **Optimized** and refactored shared **React** components in a **Turborepo** monorepo, improving modularity, **reusability**, and **performance** across multiple frontend modules and reducing redundant code.

### Freelance - Software Developer - ReactJS

June. 2024 - July. 2024

*Upwork*

*Remote*

- Integrated a dynamic testimonial slider using Swiper.js, fetching testimonial data from the client's custom **API** to **boost credibility and engagement**.
- Developed a responsive landing website using **ReactJS** and Bootstrap, ensuring clean UI and consistent performance across devices.

### Freelance - Software Developer - PHP

Jan. 2024 - Feb. 2024

*Upwork*

*Remote*

- **Improved** the functionality and layout of a dynamic confirmation page, enhancing user engagement and delivering a seamless post-interaction experience using **PHP**.
- Fixed responsive issues in the mobile navigation menu, ensuring smooth user experience across all devices using **Javascript**.

### Full Stack Developer Intern

Aug. 2023 - Sep. 2023

*Genci Edu*

*India*

- Played a role in designing and developing a robust backend system for a learning platform using **NodeJS** and **ExpressJS**.
- Collaborated with cross-functional teams to create and maintain robust APIs
- Demonstrated **problem-solving** skills through troubleshooting.

### IoT Intern

Mar 2023 - May 2023

*Emertxe Information Technologies*

*Bangalore, India*

- Developed a strong grasp of working with Arduino UNO and programming using Arduino IDE, enhancing skills in embedded systems.
- Developed Smart Home Automation system using PICSimLab, gaining hands-on experience with hardware simulation.
- Acquired valuable knowledge in connecting IoT devices to the internet using Blynk IoT.

## PROJECTS

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### Email Service System | *Node.js, Docker, MongoDB, MinIO*

[visit](#)

- Multi-tenant, real-time email processing service, enabling reliable message management for multiple clients.
- Integrated webhooks to automate workflows across external applications, reducing manual handling and delivering a scalable SaaS solution.

### Real-Time Camera Streaming | *Node.js, WebSockets, React*

[visit](#)

- A lightweight experimental project that streams live camera data from the browser to a Node.js backend using the WebSocket protocol. The backend saves the streamed data as a video file.

## EDUCATION

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### CMR Institute of Technology

Bangalore, India

*Bachelor of Engineering - Computer Science Engineering*

## CERTIFICATIONS

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**GENERAL REGISTERED ENGINEER - Nepal Engineering Council 2024**

**GOOGLE CYBERSECURITY CERTIFICATE - Google, Coursera**

**INTRODUCTION TO COMPUTER SCIENCE - CS50X**

**INTRODUCTION TO GIT AND GITHUB — Google, Coursera**