

RONISH MAHARJAN

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EDUCATION

Kathford International College Of Engineering & Management

B.Sc. CSIT (Bachelor Of Science in Computer Science & Information Technology)

Expected Graduation: 2026

TECHNICAL SKILLS

Languages : Typescript, Javascript, Python

Backend : Node.js, Express.js

Databases : PostgreSQL, MySQL

Tools : Git, Postman, Bruno

Concepts : Object-Oriented Programming (OOP), SOLID Principle, Clean Architecture

PROJECTS

FormBridge - Email Service for Static Forms | [VIEW CODE](#)

- Build a form backend service that enables static websites to submit form data and deliver it to the desired email inbox through simple API integration
 - Implemented JWT based authentication with HTTP-only secure cookie for protecting user sessions.
 - Zod for request data validation with proper error handling.
 - Implemented a Token Bucket rate limiter with Redis for protecting against excessive form submission.
 - Proper logging using pino and error handling.
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TRAINING & CERTIFICATIONS

- **Backend Development with Node.js and Express.js** - Evolve IT Hub | Jan 2026
 - **Frontend Development with React and Figma** - Evolve IT Hub | 75 Hours | Jan 2025
 - **Python with Data Science** - Evolve IT Hub | 60 Hours | Jul 2025
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TECHNICAL WRITING

Node.js Internals: How Node.js Works Under the Hood | [Read Article](#)

- Explained Node.js runtime architecture including V8 engine and libuv role in executing Javascript asynchronously.
- Covered the event loops and its execution phases.
- Explored the Linux epoll mechanism and how it enables Node.js to handle non-blocking I/O efficiently at the OS level.