

# MOHAMED NUSAIF

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 254/A, Pallegama, Deltota, Kandy.

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## PROFESSIONAL SUMMARY

Full-Stack Developer with 1 year of hands-on experience in building web applications using React, Node.js, and Spring Boot, creating automation workflows with n8n, and deploying applications on AWS. Skilled in Docker and CI/CD pipelines for efficient, reliable deployments, with a strong focus on modern UI, scalable system design, and clean development practices. Proficient in using Claude and GitHub Copilot to improve productivity, code quality, and development speed

## EDUCATION

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### BSc in Computer Science

Aug 2022 - Nov 2025

University of Jaffna

- Data Structures and Algorithms
- Machine Learning and Artificial Intelligence
- Probability, Statistics, and Linear Algebra

### Advanced Level

Aug 2017 - Nov 2020

Kakunakolla National School

- (Physical Science Stream): Mathematics (A) , Chemistry (B) , Physics (C)

## EXPERIENCE

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### Software Developer Intern

Sept 2025 - Present

Residue Solution

- Designed user interfaces and user flows using Figma before development.
- Developed a full-stack travel website using React and Node.js.
- Built responsive frontend interfaces and integrated them with backend REST APIs.
- Implemented features for displaying travel packages and handling bookings.
- Deployed the application using AWS and assisted with basic cloud setup and configuration.
- Collaborated with team members using Git, participated in code reviews, and fixed bugs

## TECHNICAL PROJECTS & COURSE WORK

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### E-Commerce Web Application

- Developed a full-stack e-commerce web application with product listing, cart, and user authentication features.
- Built the frontend using Next.js with responsive and reusable UI components.
- Developed the backend using Node.js and implemented REST APIs for products, users, and orders.
- Implemented JWT-based authentication for secure login and protected routes.
- Integrated MySQL database to store user, product, and order information.
- Focused on clean code structure, performance optimization, and basic security practices.

### Portfolio Website

- Designed and developed a modern, responsive UI to showcase projects and skills.
- Built the frontend using Next.js and Tailwind CSS with reusable components.
- Implemented sections for projects, skills, and contact information.
- Added a contact/email flow to send messages from the website.
- Containerized the application using Docker for consistent development and deployment.
- Deployed the application on Vercel and managed production builds.

## Email Workflow Automation

- Built an automation workflow using n8n to send emails based on data from Google Sheets.
- Implemented webhooks and OAuth authentication for secure data access and workflow triggers.
- Automated personalized email delivery to multiple recipients based on dynamic data
- Containerized the workflow using Docker for consistent and reliable execution.

## SKILLS

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### Frontend Development:

- HTML, CSS, Tailwind CSS, JavaScript, React.js, React Native, Next.js

### Backend Development:

- Node.js, Java, Spring Boot, Express.js

### Data Analysis & ML Tools:

- python, Pandas, NumPy, JupyterLab, Google Colab, Power BI

### Cloud & Deployment:

- Docker, CI/CD pipelines, Jenkins, AWS, GCP, Vercel

### AI Assistance / Productivity Tools:

- Claude, GitHub Copilot

### Automation & Workflow Tools:

- n8n

### Database:

- MySQL, MongoDB, PostgreSQL

### Other Tools & Technologies:

- MATLAB, Linux, Nginx

### Soft Skills:

- Good problem-solving skills
- Team collaboration
- Communication (English,Sinhala,Tamil)

## CERTIFICATIONS

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### Claude Code for Software Development — Skilljar, 2026

- Credential ID: phhdzwqvd9fa

### Introduction to Career Skills in Data Analytics — Microsoft (Professional Certificate), [2025]

- Covered data analysis fundamentals, business intelligence, data-driven decision making, Excel and Power BI, data modeling, and visualization.