

Joshik Roshan

Email: joshikroshan4021@gmail.com | +44 7393581307 | LinkedIn: www.linkedin.com/in/joshik27 | Address: Edinburgh, UK

SUMMARY

A graduate student pursuing an MSc in Data Science from Heriot-Watt University with extensive freelance experience across the Software Development Life Cycle. I am actively seeking opportunities as a Software Engineer. **I have the right to work in the UK.**

EDUCATION

MSc in Data Science, 2:1 (Expected) | Heriot-Watt University | 2023 – 2024

- **Modules:** Software Engineering, Big Data Management.

BTech in Electronics, 2:1 | IIT ISM Dhanbad | 2019 - 2023

- **Modules:** Data Structures and Algorithms, Object Oriented Programming.

WORK EXPERIENCE

Full Stack Developer | Freelance | Jan 2024 - May 2024 | Remote

- Developed a fully responsive, authenticated end-to-end **Enterprise Resource Planning** web application for a Garment Manufacturing Business using NextJs, Supabase, TailwindCSS, Shadcn, and Tremor.
- Optimised load time from **4.2 seconds** to **0.12 seconds** through the caching mechanism, resulting in a remarkable **97.2%** improvement in overall performance.
- Transformed complex ERP data into **20+** data-driven charts, identifying trends and informing strategic project decisions.
- Automated daily SQL backups using GitHub Actions integrated with a CI/CD pipeline, reducing manual dump time from **10** minutes to **1.1** minutes, saving over **60 hours** annually and enhancing data protection.

PROJECTS

- **UniCourseWhisper** - A fully responsive web application built with modern NextJs, SQL, TailwindCSS, and Shadcn enabling students to post anonymous reviews about courses and course leaders. [[Live](#)]
- **ReferralConnect** - Built a community for international students with NextJs, TypeScript, Clerk, MongoDB, Supabase, Zod and Shadcn to share their stories and seek employee referrals. [[Live](#)]

ACHIEVEMENTS AND LEADERSHIP EXPERIENCE

- Led a team of **5** using agile methodologies, resulting in an 'A' grade for the master's coursework.
- Contributed more than **70%** to project planning and execution in a master's group project, driving its success and earning a first-class grade.
- Consistently ranked in the **top 5.2%** securing country rank below **700** in 6 LeetCode contests. [[Profile](#)]
- Achieved a rank of 5241 in JEE Advanced 2019, placing among the **top 0.1%** in the country.

LANGUAGES, SKILLS AND CERTIFICATES

- **Languages:** English (fluent), Telugu (native), Hindi (intermediate), Tamil (native).
- **Skills:** C++, HTML, CSS, JavaScript, TypeScript, React, NextJs, NodeJs, ExpressJs, Recoil, TailwindCSS, Shadcn, SQL, Postgres, MongoDB, GIT, Github, REST-API, Docker, Zod, OOP, Data Structures and Algorithms, CI/CD.
- **Certifications:** [100XDevs](#)