

KALLAM HOQUE SAMAD

Sheffield, S9 3DB

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| 📄 GitHub [KallamSamad \(Kallam\)](#)

| Portfolio <https://kallamsamad.co.uk/index.php>

## Professional Summary

Computer Science student with strong problem-solving skills and hands-on experience diagnosing and resolving technical issues through web development and database projects.

Experienced in debugging, user-focused design, and working collaboratively to deliver reliable systems. Seeking to apply these skills in a customer-facing IT support role.

Completed a foundation year, achieving 72/100 in SQL and developed strong problem-solving skills through database design and debugging. Academic interests include AI and embedded systems, with the intention of pursuing postgraduate study.

I have a “kaizen” mindset to my work and I’m continuously adapting and improving as a computer scientist. I am actively doing projects on [Github](#) which I started last summer, completed the [Odin Project Foundations](#) and started [Full Stack JavaScript](#). I have made 20+ repos so far and plan to continue showcasing my growth.

## Tech Skills:

- JavaScript, HTML, CSS, Python, SQL, PHP, C#, C++

## Tools and platforms:

- Google Cloud Server, Microsoft Access, GitHub, Git, Zoho, WordPress

## Other:

- IoT (BBC: microbit) experience

## Relevant Coursework/Skills

- Created full stack websites and familiarised myself with the process of thinking in systems
- Used BBC: microbit to create a “smart dice” using machine learning
- Understand principles of database normalisation to reduce anomalies and Crow’s foot notation in Entity Relationship Diagrams to visualise the data without any redundancies
- Created numerous projects using frontend languages such as HTML, CSS and JS, as seen in my [Github](#)
- On track to get a 1:1, averaging a current grade of 80.33, per module, in year one
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## Work Experience

### Database Developer using Zoho CRM

October 2025 - *Present*

- Audited and rationalised Zoho CRM data structures and processes across Leads, Contacts, and Opportunities.
- Mapped CRM fields to real operational requirements using quotation and order documentation.
- Implemented and validated a Phase 1 NPS email automation triggered at Aftersales, including custom module creation and workflow logic.

*Voluntary Student Developer for ACT*

*July 2025 – Nov 2025*

Developing a mobile-friendly, data collection app to record fibre deployment parameters (e.g., distance and speed), generating validated logs for invoicing and compliance. Using Firebase Functions and Firebase Realtime DB for backend and as a database, with IoT integration and Flutter for the mobile app.

Maths Tutor (Self-Employed) – Sheffield

*May 2021 – Aug 2023*

- I conducted one-on-one tutoring for GCSE students, improving their math performance and confidence.
- I developed personalized lesson plans tailored to individual learning styles.
- Found creative ways to summarise complex topics and aid teaching

Education

BSc (Hons) Computing (Foundation Year)

*Sheffield Hallam University, City Campus*

Currently Studying

- I am focusing on AI and machine learning to get a first-class degree.

GCSEs

*Handsworth Grange Community Sports College, Sheffield*

*Grades: A\*A\*AAAAABB including A\*s in Computer science and mathematics*

- English: Fluent
- Bengali: Fluent

References

Available upon request.