Dhrumil Shah

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Summary

I am a computer science student focused on practical software solutions across Embedded Systems, Machine Learning, Game Development, and Cybersecurity. I use Rust primarily and aim to expand technical skills while delivering reliable, efficient, and maintainable code.

Technical Skills

- **Programming:** C, C++, C#, Java, Python, Rust, SQL, MATLAB, TypeScript.
- **Tools:** Git, GitHub, Linux, AWS, Docker, Figma, Bevy ECS, Typst.
- **Methodologies:** Problem-Solving, Debugging, UI/UX, Accessibility, Agile, Prototyping.
- **Languages:** English(Fluent), Hindi(Fluent), Gujarati(Fluent), German(Beginner).

Education

M.Sc. Cyber Security   2026 - 2027
Anglia Ruskin University, Cambridge

B.Eng. (Hons) Computer Science   2023 - 2026
Anglia Ruskin University, Cambridge
Data Structures, Software Engineering, Databases, Digital Security, Ethical Hacking, Operating Systems, Embedded Programming, Cloud Computing, Graphics Programming, Image Processing.

Academic Projects

- Car Sales Application [**C, Makefile**]
  - Developed a CLI system to manage car inventory, sales, and customer records efficiently.
- Server Management and Reporting Dashboard - *RedGate Software* [**Figma, Java**]
  - Designed and built a dashboard to monitor servers, generate reports, and visualize performance metrics for IT staff.
- User Dashboard and Database - *Together Culture, Cambridge* [**C#, .NET, SQL**]
  - Designed and created a Windows dashboard with a SQL backend to manage users, track activities, and provide analytics.

Work Experience

- Co-op Food Store - Mill Rd West, Cambridge   2023 - Present
  Customer Team Member - Person-In-Control - Baker
  - Co-supervised store operations and staff during shifts.
  - Assisted customers and addressed inquiries or issues efficiently.
  - Monitored inventory and ensured timely restocking of products.
  - Maintained hygiene, safety, and compliance standards.
- SMVS Queensbury, London   2023 - 2024
  Volunteer Audio-Video Technician
  - Setup Live Audio and Video streaming for Community Prayer Room.

Soft Skills

Adaptability	Attention to Detail	Code Maintenance
Communication	Creativity	Critical Thinking
Curious	Decision-making	Open Source Contributor
Problem-solving	Teamwork	Time Management

Academic References

- **Ian van der Linde**
  ian.vanderlinde@aru.ac.uk
- **Dr. Razvan Dinita**, FHEA MIES MBCS MIET
  Senior Lecturer in Computer Science and Cloud Computing
  Course Director for BEng (Hons) Computer Science
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Links

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- Location: Cambridge, United Kingdom [Find](#)

Interests

- *Projects.* Rust development across 3D game design, embedded microkernel programming, and AI/ML experimentation with Burn-rs.
- *Music.*
- *Reading.* Philosophy (currently Marcus Aurelius' Meditations), technical news, programming tutorials, and research-oriented blogs.