

SIDHARTH GOPAKUMAR

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PROFESSIONAL PROFILE

Third-year BSc (Hons) Computer Science student at the University of Stirling, Ras Al Khaimah campus, holding an SQA Advanced Diploma in Computing: Software Development. Hands-on experience in full-stack web development, Java and VB.NET programming, Windows system administration and web server configuration. Team leader on group software engineering coursework and preparing for the Cisco CCNA (200-301), with a career focus on network infrastructure and Cisco environments.

EDUCATION

BSc (Hons) Computer Science | *University of Stirling, Ras Al Khaimah* Sep 2026 – Present

- Direct entry to Year 3; expected graduation 2028.
- **Current modules:** Software Engineering 1 (CSCU9E5), Human-Computer Interaction & UI/UX Design (CSCU9X5), Machine Learning / Data Mining.

SQA Advanced Diploma in Computing: Software Development | *SQA RAK, Ras Al Khaimah* Completed 2026

- **Key units:** Data Structures (Java), Client Operating Systems, Managing Web Servers, Software Development (VB.NET), Full-Stack Development, Project Management.

TECHNICAL SKILLS

- **Programming:** Java, Python, JavaScript, VB.NET, HTML5, CSS3, SQL
- **Frameworks & Databases:** React, Node.js, Express, MySQL
- **Networking:** TCP/IP and networking fundamentals, Cisco Packet Tracer, IoT fundamentals (CCNA 200-301 in preparation)
- **Systems & Servers:** Windows 11 Pro installation and administration, Oracle VirtualBox, Apache/XAMPP virtual hosts, WSL
- **Tools & Methods:** Git and Gitea, Figma (wireframes, prototypes), technical and user documentation, change control, PDCA quality cycles
- **Security & AI:** Cybersecurity fundamentals, AI and machine learning fundamentals

ACADEMIC & TECHNICAL PROJECTS

Lost and Found System – Group Coursework (Team Leader) | *University of Stirling, CSCU9E5* 2026

- Led a five-member team producing the software engineering design for a campus lost-and-found system as module coursework.
- Created requirements and design diagrams and the supporting documentation for submission.
- Set up and managed the group repository on the university's Gitea server; reviewed members' branches and merged work into main.

Meridian Museum of Antiquities – UI/UX Design | *University of Stirling, CSCU9X5* 2026

- Designed and built a museum website, from Figma wireframes and prototype to a live, accessible site.
- Applied HCI and usability principles within a three-person tutorial team.

MindEase – Full-Stack Web Platform | *SQA Advanced Diploma* 2026

- Built a full-stack platform using React 18, Node.js/Express, a Python machine-learning component and MySQL.
- Produced technical documentation and presented the project at a viva.

Windows 11 Client Administration | *SQA Advanced Diploma* 2026

- Built and configured a Windows 11 Pro virtual machine from scratch in VirtualBox, completing 13 system administration tasks.

Web Server Configuration | *SQA Advanced Diploma* 2026

- Configured Apache virtual hosts on XAMPP 8.2.12 to serve multiple websites from one server and authored a lab manual, as graded coursework.

Bank ATM System <i>SQA Advanced Diploma</i>	2026
Developed an ATM application in VB.NET with a technical manual and user guide.	
Data Structures in Java <i>SQA Advanced Diploma</i>	2026
Implemented abstract data types, interfaces, queues and stacks in Java.	
Zenith – Live World News Globe <i>Personal project</i>	2026 – Present
Developing a web application that plots live world news on an interactive 3D globe, with source links and notifications.	

CERTIFICATIONS & TRAINING

- SQA Advanced Diploma in Computing: Software Development – SQA, 2026
- Cybersecurity Fundamentals – IBM SkillsBuild, June 2026
- Introduction to IoT – Cisco Networking Academy, 2026
- AI Fundamentals; Machine Learning with Watson Studio; AI Ethics – IBM SkillsBuild, 2026
- Networking Basics; Cisco Packet Tracer – Cisco Networking Academy (in progress)
- Cisco CCNA 200-301 – in preparation

ADDITIONAL INFORMATION

- Languages:** English (fluent), Malayalam
- Interests:** Network infrastructure, cybersecurity, building interactive web applications

REFERENCES

Available on request.