CODE ROUTES 25

INTRODUCTION

The Code Routes Program introduced students to the fast-evolving tech industry, highlighting career paths, essential skills, and industry expectations. The session emphasized the importance of coding skills, communication, and adaptability in professional settings.

EXECUTIVE REFLECTION

The Code Routes Program was an engaging workshop aimed at guiding students in tech careers. Led by TS. Abdul Alim Abdul Muttalib, it covered topics about programming, AI, cybersecurity, and data science, with a focus on technical and soft skills, industry trends, and real-world applications. Participants learned about career growth, problem-solving, and adapting to new technologies through practical demos, real-life experiences, and a Q&A session.

topics of interest

- CAREER **EXPERIENCE**   • KEY **SKILLS**   • INDUSTRY **TRENDS**

career experience

Data science & AI :
Roles : Data Scientist, Machine learning Engineer
Position : Finance, E-commerce, Etc.

Cybersecurity :
Roles : Security Tester, Defense Analyst
Position : Finance, Government, Etc.

Software Developer :
Roles : Frontend, Backend, Fullstack, DevOps
Position : Tech, Finance, Etc.

key skills

Technical Skills :
Python, HTML, C++, depending on career choice.

Soft Skills :
Communication, Teamwork, Problem-Solving.

industry trends

AI and automation
AI and Automation taking over every sector and are rapidly growing.

Remote-Work Culture :
involving AI, Cybersecurity, And many more Involving the internet.

Data Security :
most things access the internet nowadays and makes protecting privacy and data more important.

reflection :

The workshop highlighted that success in tech requires both technical and soft skills. Continuous learning and adaptability are necessary to keep up with evolving technologies. The event reinforced the idea that collaboration, problem-solving, and innovation are key drivers of a successful tech career

- Muhammad afiq shahir (A24CS0123)
- Rafly Salim Kaaffah Abdillah (A24CS9009)
- Hanis Sofiya binti Badrul Ehsan (A24CS0080)
- Muhammad Haiqal Razeeq Bin Mohd Zaidi (A24CS0134)

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