Identify five (5) ICT related careers. Each career should include info such as job description, required skills, educational background, and potential career paths.

1) PROGRAMMER
  Job Description: They write the code that powers software applications. They use a variety of computer languages to develop, test, and fix programs. Some of them specialize in certain types of applications, like mobile programs or software as a service.
  Required Skills: Languages, math, science, and logic
  Educational background: a bachelor's degree in computer and information technology or a related field
  Potential career paths: Database administrator, Computer programmer

2) WEB DEVELOPER
  Job description: They include building technical front-end and/or back-end code that informs site functionality. Web developers may work exclusively on front-end code, back-end code, or both, and many modern jobs also require overlap in web design.
  Required Skills: knowledge of HTML, CSS, JavaScript, and other programming languages & familiarity with tools such as Git, CMS platforms, and hosting services
  Educational Background: computer science degree program with core courses in systems design, data management, and the essential programming languages used by industry professionals
  Potential career paths: Game developer, Digital marketer, Multimedia specialist, UX designer

3) IT CONSULTANT
  Job Description: They are knowledgeable professionals who help businesses develop, integrate, and maximize the value of IT systems. They provide strategic advice, troubleshoot technical issues, and offer expertise in areas such as hardware, software, networks, and project management.
  Required Skills: Critical thinking, customer service, Technical knowledge, Interpersonal Skills, Collaboration
  Educational Background: online undergraduate bachelor's degree in computer science, business information systems, or a related field
  Potential career paths: Computer Network Architects, Computer and Information Research Scientists, Information Security Analysts

4) SYSTEM ADMINISTRATOR
  Job description: They are responsible for overseeing the maintenance and security of company intranets and computer systems. Their duties include installing antivirus or malware protection software, responding to employee concerns or drafting documents to help employees use computer systems, and coordinating with company leadership to determine new technologies that could enhance their company's computer systems.
  Required Skills: Problem-solving and Administration, networking, Cloud computing, Security, and Monitoring

Educational Background: degrees in Information Technology, Computer Science, and Network Administration

Potential Career Paths: network administrator, cloud administrator, or cybersecurity analyst

5) COMPUTER SERVICE TECHNICIAN

Job description: This job works on setting up hardware and installing and configuring software and drivers, maintaining and repairing technological equipment (e.g. routers) or peripheral devices, Installing well-functioning LAN/WAN and other networks, and managing components

Required skills: Interacting with computers, Collecting data and information, Problem-solving and decision-making, Communication, Consulting and advising others

Educational Background: a degree in information technology, computer science, or a related field

Potential Career Paths: Help Desk Support Specialist, Network Administrator, Data Recovery Specialist