Temasek POLYTECHNIC

JOB DESCRIPTION (Career Kickstarter)

Designation	AI Solution Developer (TP Career Kickstarter)
School/Department	School of Informatics & IT / Industry Development & Skills (IDS)
Number of Positions	1
Duration of Role	9 months

KEY RESPONSIBILITIES

- Develop AI solutions to enhance work processes, stakeholder communication, and data management
- Create both front-end and back-end applications for web and mobile platforms
- Deploy and manage applications on the cloud
- Use Git for source control and implement CI/CD pipelines to automate builds, tests, and deployments
- Integrate AI/ML and GenAI models into web or mobile applications
- Develop dashboards for monitoring

PREREQUISITES

- Full stack development proficiency
- Experience with AI/ML and GenAI models
- Python programming skills
- Chatbot development (e.g., OpenAI API)
- Basic web deployment (Flask, HTML/CSS)
- Cloud platform usage (AWS or Azure)
- Dashboard creation skills
- Basic database management (MySQL, MongoDB)
- Data privacy awareness
- Strong communication and teamwork skills
- Basic understanding of process automation tools (e.g., RPA, low-code solutions, Excel macros, Power Automate, or similar)