

MIFTA Competency Roadmap

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Category

1. User
2. Researcher
3. Digital Media
4. System Administrator
5. Software Engineer
6. Solution Architect
7. Business Analyst
8. Project Management
9. Technical Support
10. Strategist

User

Menggunakan PC untuk mengetik word, spreadshet presentation, mengirim email, browsing, chatting, mendengarkan musik, video.

Skill :

1. Office
2. Internet : email, browsing, chatting
3. Multimedia

Office

1. OpenOffice Write
2. OpenOffice Calc
3. OpenOffice Impress

Internet

1. Firefox
2. Evolution
3. Yahoo! Messenger

Researcher

Melakukan riset atas hi-tech seperti Artificial Intelligence

Skill :

1. Artificial Intelligence

Digital Media

Membuat disain grafis Web, animasi Flash dst

Skills :

1. Disain grafis
2. Disain look and feel website
3. Animasi

System Administrator

Mengelola jaringan komputer, database server, web server, mail server, firewall

Skill :

1. LAN
2. Apache
3. mySQL
4. Oracle

5. Postfix
6. Firewall
7. Wireless network
8. Cluster
9. Grid computing
10. Intrusion detection
11. Datacentre

Software Engineer

Membuat program web, database, mis, erp, ai, mobile application dst

Skill

1. PHP
2. .NET
3. Java
4. Perl
5. Python
6. C++
7. Delphi

PHP

1. Dasar Pemrograman PHP/mysql
2. Open Source CMS

Java :

1. Dasar Pemrograman
2. Aplikasi Database
3. Aplikasi Web
4. Aplikasi Enterprise
5. Open Source

Solution Architect

Merancang arsitektur software, hardware untuk implementasi seperti eLearning, eGovernment, eCommerce, MIS, ERP dll

Skill :

1. eCommerce
2. eGovernment
3. eLearning
4. ERP

5. Management Information System
6. Knowledge Management
7. Customer Relationship Management
8. Supply Chain Management
9. Decision Support System
10. Datawarehouse

Project Management

Memanaje implementasi proyek-proyek TI

Skill :

1. Quality Management
2. Time Management
3. Task Management
4. Team Building
5. Communication Skills

Technical Support

Melakukan troubleshoot atas problem sehari hari seperti virus, jaringan komputer, printer, PC dll. Baik untuk diri sendiri maupun untuk perusahaan/organisasi.

Skill :

1. Rakit PC
2. Rakit jaringan
3. Setup printer
4. Setup Internet connection
5. Setup virus scanner

Strategist

Mengembangkan strategi-strategi agar TI bisa bermanfaat dalam pengembangan ummah di berbagai bidang baik ekonomi, bisnis, pendidikan, budaya, sosial, politik, media, pemerintahan, kerakyatan, lingkungan hidup, kelautan, kehutanan dan sebagainya.

Skill :

1. Konsep Islam dalam ekonomi, politik dan pendidikan
2. Arsitektur seperti eGovernment, eLearning, eCommerce, ERP, MIS

3. Perkembangan permasalahan umat di berbagai bidang seperti korupsi, kerusakan lingkungan hidup, pornoaksi, konflik horisontal dan kemiskinan.
4. Konsep seperti Open Source, Cyberlaw dll