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ROYAL UNIVERSITY OF PHNOM PENH

# DevSpeed Technology Co., Ltd.

Windows Server Admin

Professor: Heng Sovannarith

Class: M1

Group: 1



## Group Members (Group 1)

Name	Role	Tasks
Sou Chanrojame	Leader	DHCP Server, VPN Server, FTP Server, DNS Server, Failover Cluster, Mail Server, Terminal Server, Fine-Tuning LLM
Orn Pheakdey	Member	File Server, Proxy Server
Long Neron	Member	Database Server, Domain Controller
Then Sivthean	Member	Web Server, Container (Docker)
Le Sreyma	Member	Backup Server, Load Balancing

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# Company Introduction



## Who We Are:

DevSpeed Technologies Co., Ltd. is a forward-thinking software development company.



## Our Mission:

Dedicated to delivering high-performance digital solutions with speed, precision, and innovation.



## Our Specialization:

- Building modern **web**, **mobile**, and **cloud** applications.
- Turning ideas into scalable products using **quality-driven development**, **agile processes**, and **cutting-edge technologies**.
- Combining technical excellence with a deep understanding of clients' goals for **custom enterprise systems**, **API integration**, and **digital platforms**.



## Core Belief:

*"Speed matters — but quality defines success."*



# Company Overview

We designs and implements a full enterprise IT environment using **Windows Server 2022**.

Server Role	Key Function
 Domain Controller	Manages user authentication, authorization, and security via Active Directory.
 Web Server	Hosts company websites, web apps, and client portals using IIS.
 Database Server	Stores critical data and application records (SQL, MongoDB, PostgreSQL).
 File Server	Centralized storage and document sharing for teams.
 Mail Server	Manages internal and external email communications.
 VPN Server	Offers secure remote access for employees.

 <b>DHCP Server</b>	Automatically assigns IP addresses on the corporate network.
 <b>DNS Server</b>	Provides name resolution for network connectivity.
 <b>Proxy Server</b>	Enhances internet performance and filters web access.
 <b>Load Balancing</b>	Distributes workloads to ensure performance and reliability.
 <b>Failover Cluster</b>	Guarantees high availability by automatically switching services.
 <b>Backup Server</b>	Provides regular backup and disaster recovery solutions.
 <b>Terminal Server</b>	Enables remote desktop access for lightweight client machines.
 <b>FTP Server</b>	Facilitates secure file sharing with clients and partners.
 <b>Container (Docker)</b>	Hosts containerized applications and microservices for development/testing.

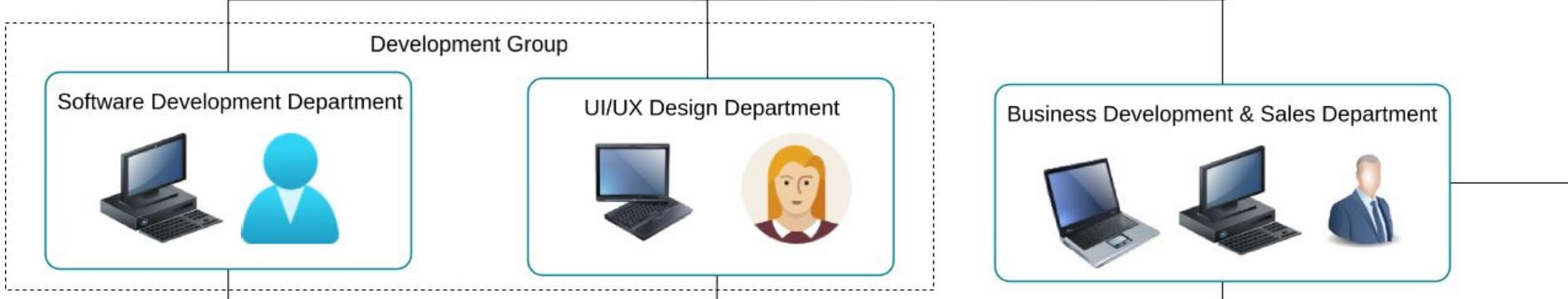
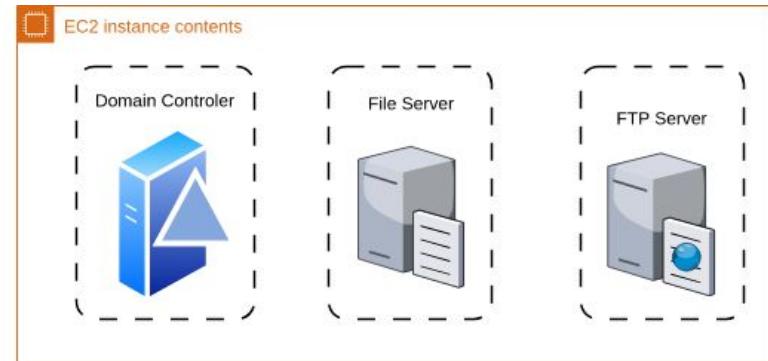
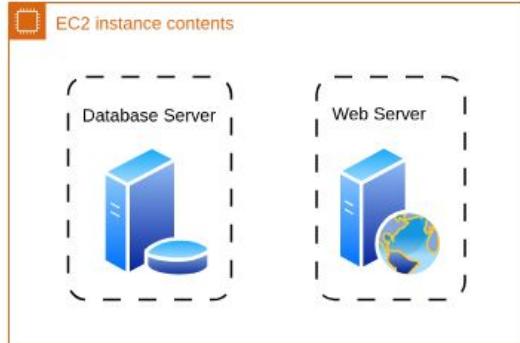
# Infrastructure of company

DevSpeed Technologies operates through 9 key departments, each contributing to reliable project delivery.

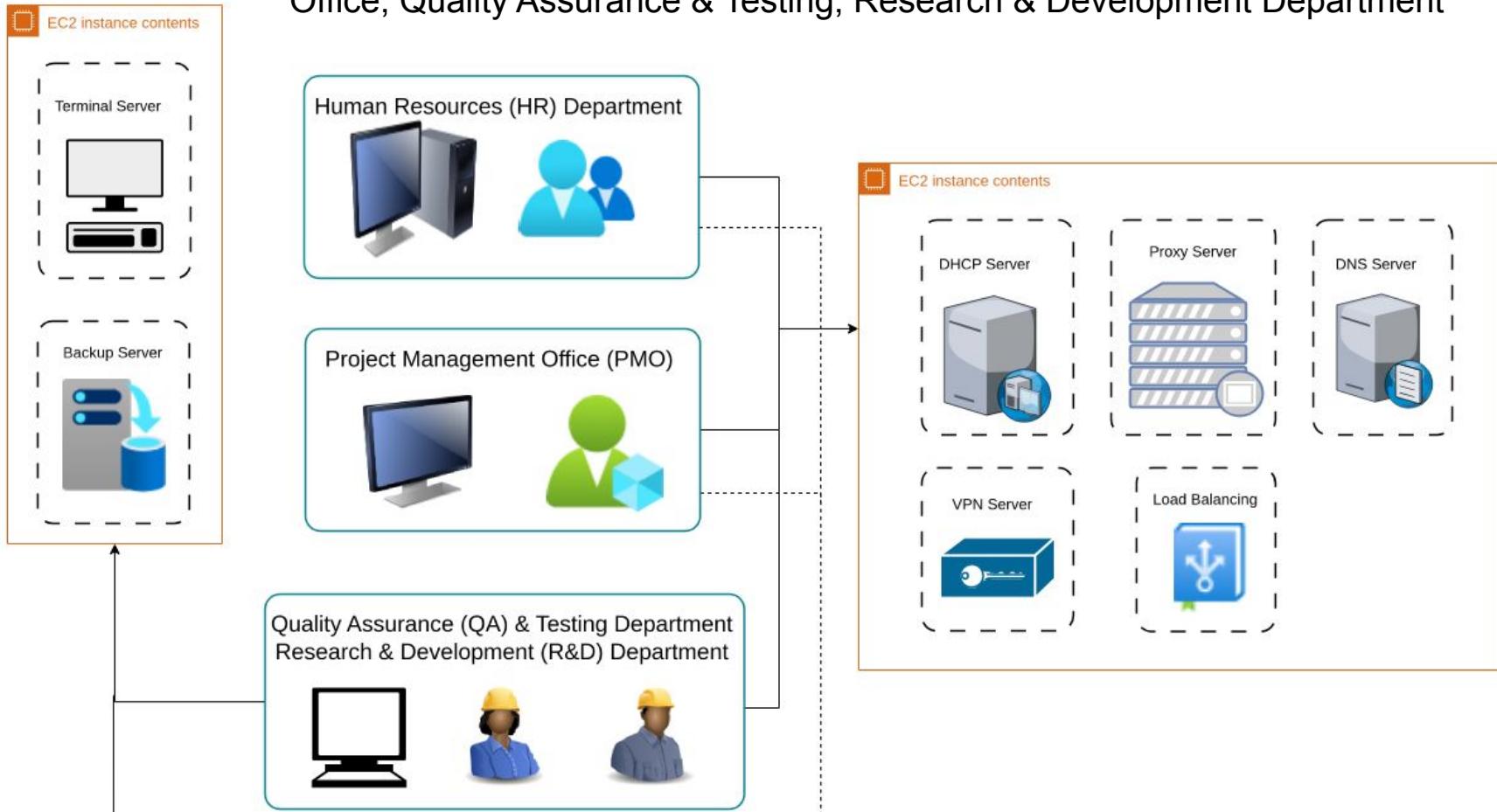
 Department	 Primary Focus
 Software Development	Backend, frontend, mobile & cloud app development.
 UI/UX Design	Creates intuitive interfaces & great user experiences.
 QA & Testing	Ensures reliability, performance, and security.
 PMO (Project Management Office)	Manages timelines, client communication & team coordination (Agile/Scrum).
 DevOps & Cloud Infrastructure	CI/CD automation, deployment, and system monitoring.

 Research & Development	Explores new technologies & innovations.
 Business Development & Sales	Finds clients, prepares proposals, builds partnerships.
 Customer Success & Support	Provides technical support and long-term client care.
 HR, Finance & Marketing	Handles recruitment, budgeting, branding & admin.

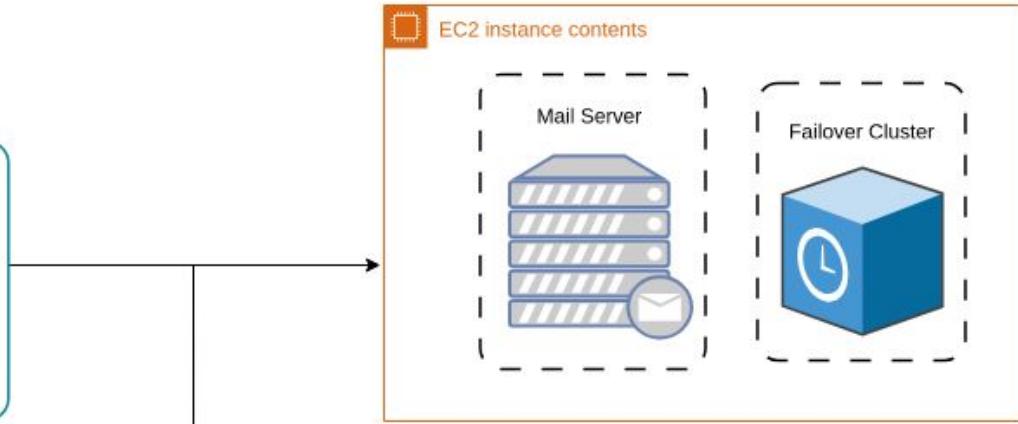
This diagram illustrate the infrastructure of Software Development, UI/UX Design, Business Development & Sales Department



This diagram illustrate the infrastructure of Human Resources, Project Management Office, Quality Assurance & Testing, Research & Development Department



This diagram illustrate the infrastructure of DevOps & Cloud Infrastructure, Customer Success & Support, Marketing & Communication, Finance & Administration Department





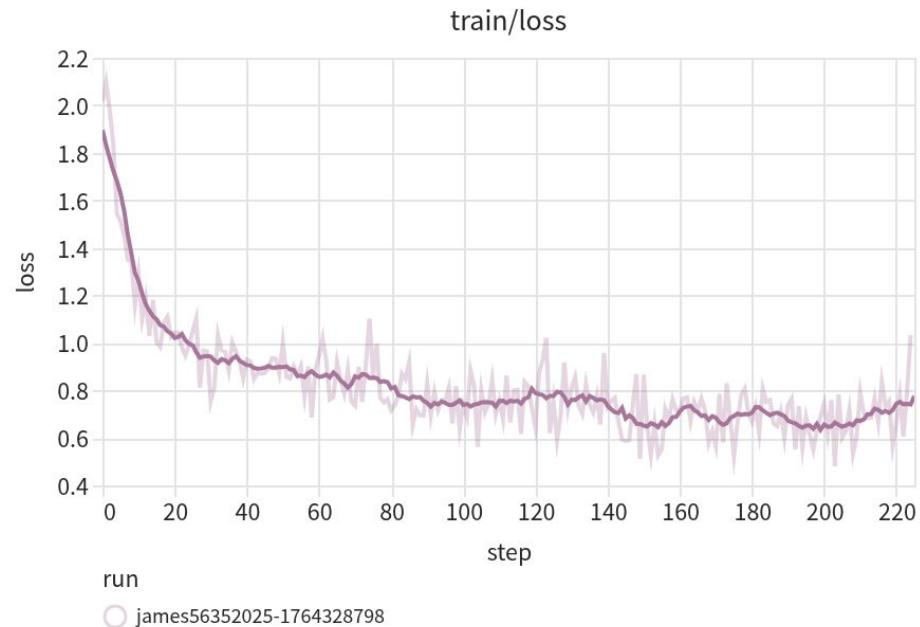
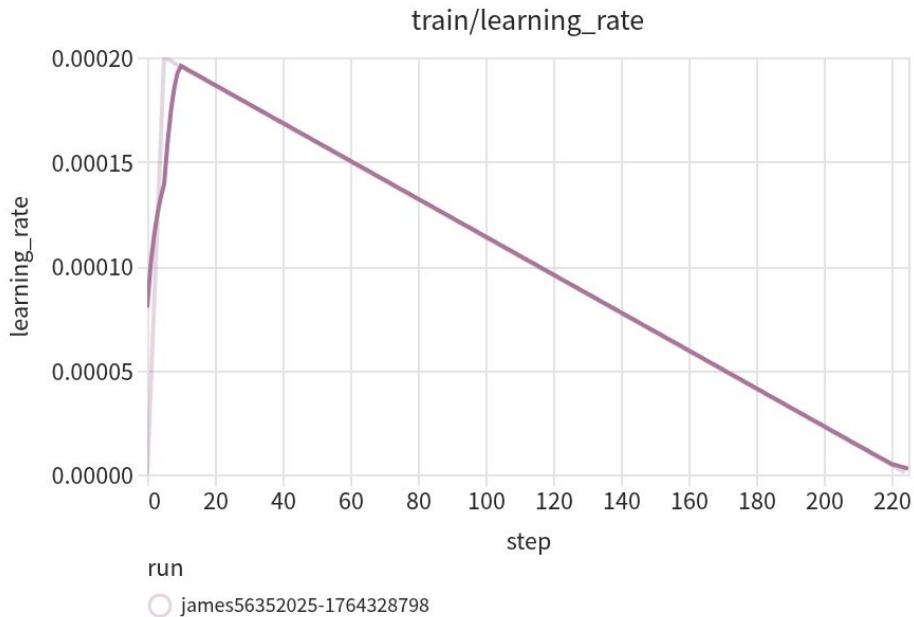
**DevSpeedLLM** 🤖 is a custom generative AI model created by fine-tuning the **Llama 3 Billion Parameter** foundation model. Trained on both **RUPP** and **DevSpeedLLM** datasets using dual **NVIDIA T4 GPUs** ⚡ on Google Cloud ☁, it delivers enhanced accuracy, stronger reasoning, and better adaptation to real organizational needs.

Through this fine-tuning process, the model gains a deep understanding of our company's terminology, workflows, and data patterns — making it more reliable and context-aware than general-purpose AI systems 🔎.

As our business continues to grow 📈, we plan to further expand our investment in **Artificial Intelligence** 🤝 to build even smarter and more capable solutions for the future 🚀.



# Training Overview





## Conclusion

DevSpeed Technologies Co., Ltd. has built a strong and modern IT foundation powered by **Windows Server 2022** , enabling smooth, secure, and efficient operations across the entire organization. Its integrated server ecosystem ensures **high availability** , **strong security** , and **scalable performance** , supporting both internal teams and client-facing services.

Every department plays a vital role —driving innovation , maintaining high-quality standards , and contributing to successful project delivery. Through advanced technology , skilled teamwork , and a commitment to continuous improvement , DevSpeed Technologies is well-positioned to deliver **cutting-edge digital solutions** and achieve **sustainable long-term growth** in an evolving digital world .



Demo

