TRIEU VI NGUYEN

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I. POSITIONS ...

II. EXPERIENCE

11 YEARS OF EXPERIENCE OF WORKING WITH DATABASE, SYSTEM AND SOFTWARE DEVELOPMENT

1. Full-Stack Software Developer

7 months (March 2019 → Now)

Safe Text Now

(https://safetextnow.com/)

Safe Text Now (STN) is a startup company, located in Orange County, California, USA. STN focuses to Medical Technologies and develops products related to this environment.

Main tasks:

- Development tasks:
  - Mobile App development: Using Flutter (Dart language) for mobile app development (iOS and Android)
  - Socket server with Socker.io for real-time applications
  - Back-end server (REST API) with Laravel 5
  - Web applications with React.js

- o Database using MySQL, SQLite with Advanced Encryption Standard
- o Following HIPAA law for development
- o Data encryption
- o Working with Google Cloud API
- o OCR application with Google Vision
- o Online payment with Stripe
- o Email marketing with Mailgun, Sendgrid
- o SMS Integration with Nexmo
- o Wordpress websites for customers

- System tasks:
  - o Manage cloud system with Amazon Web Services
  - o Auto-scale for back-end servers
  - o Real-time servers with Socket.io
  - o Database servers with MySQL/Percona Server 5.7
  - o Application servers using Docker, Docker Compose
  - o SSL Configuration

2. Senior Database Engineer
2 years (Nov 2016 → Nov 2018)

ZINIO

(http://zinio.com/)

ZINIO brings innovation and inspiration to the world of magazine publishers and consumers by delivering the ultimate digital reading experience on any device. As pioneers of the digital publishing industry for over a decade, ZINIO leads the digital magazine market in breadth of content and accessibility on any platform.

For magazine publishers, ZINIO Pro converts print magazines to digital content through a SaaS platform that converts PDF to XML, offering publishers complete flexibility in managing and delivering their content in branded, native magazine applications for tablet, smartphone and desktop, in searchable article databases, or on the growing network of ZINIO Pro distribution partners.

For magazine consumers, ZINIO operates online newsstands and award-winning iOS, Android, Windows and Kindle apps in more than 30 languages, providing the broadest selection of digital magazines accessible on any platform that can be read online or offline, synced across multiple devices and searched for archival content.

ZINIO is headquartered in New York. We also have offices in Barcelona, London, San Francisco, Ho Chi Minh City.

Main tasks:

- Design database topology
  - High Available
  - High Scalability
  - Load balancing
  - Failover
  - Replication
  - Backup and Restore
- Managing all databases of company: > 11.000 databases (Percona/MySQL, PostgreSQL, MongoDB).
- Designing and developing highly optimized database queries.
- Tuning database queries.
- Working with Amazon Web Service.
- Using Databases with EC2 Instance.
- Using Databases with RDS (MySQL, PostgreSQL, Aurora).
- System Auto Scaling solution.
- Using Lambda as Serverless.
- Working with Terraform, Ansible, Scalr, Docker.
- Database High-performance with ProxySQL.
- Using Python, Shell/Bash Script for coding.
- Monitoring with Newrelic, Nagios, Grafana.

3. Full-Stack Developer
2 years (Nov 2014 → Nov 2016)

TIKI

(http://tiki.vn/)

Tiki is a leading online retailer, offering authentic products with speedy and seamless end-to-end experience to consumers nationwide in Vietnam.

Tiki is Vietnam's fastest and most trusted B2C e-commerce platform. Tiki is well-known for its unique TikiNow service (2-Hours Delivery), world-class customer service with 80+ NPS score, and a diverse catalogue of 100% authentic products from more than 6500 brands, in categories from Book, Consumer Electronics; Digital Service; Lifestyle; Moms, Kids & Babies, Fashion, Health & Beauty to Grocery.

Skills:

- Full-Stack web development:
    - Frontend:
        - Javascript
        - React JS + Redux
        - CSS3, HTML5
        - JQuery
    - Backend:
        - Laravel 5
        - MySQL Database
- Mobile development with:
    - React Native
    - Laravel 5
- Real-time web app: Node JS, Firebase
- Server-side CSS pre-processing platforms with SASS/LESS
- CMS framework: Wordpress, LavaLite,...
- Familiar with:
    - Git (Gitlab, Bitbucket, Github)
    - Restful API
    - Agile/Scrum
    - Amazon Web Service (S3, EC2,...)

4. Leader of System team
1.5 years (May 2013 → Nov 2014)

Q-Mobile (ABTEL)

(https://qmobile.vn)

Founded in 2003, from a distributor for Siemens, BenQ - Siemens, Popod, HTC ... after 10 years on its own strategies and ways, Q-mobile has become most favored domestic mobile phone brand name in Vietnam.

Q-mobile owns 2 mobile phone brands: Q-Smart & Q-mobile, with more than 350 employees working in 3 office buildings located in Ho Chi Minh City, Ha Noi, and Da Nang, Vietnam.

Main tasks:

- Lead team to complete tasks within schedule

- Perform user training and documentation

- Cooperate with different internal parties to solve business requests

- Provide hands-on solution design, technical specification, and guidance on development and integrations
- Build systems with multi servers (~20 servers for each system) for High Available and no-down-time.
- Design system and database topology
    - Clustering

    - High Available

    - High Scalability

    - Load balancing

    - Failover

    - Replication

    - Backup and Restore

- Manage all databases of company

    [PostgreSQL, MongoDB, MySQL, MS.SQL]

- Manage LAMP/LEMP system.
- Manage cloud system (Amazon, Google cloud,… using Ansible) and deploy cloud service for customers.

- Control Datacenter: all database & system servers.

- Monitor databases, system (Nagios, Cacti, pgwatch, PostgreStats,…)

5. Leader of Database & System team
3.5 years (Jan 2010 → May 2013)

SPS Vietnam - Swiss Post Solutions

(http://www.spsvietnam.vn)

SPS Vietnam (GHP) is a 100% FDI (Foreign Direct Investment) from Swiss Post (Switzerland, Germany). SPS Vietnam's customized solutions can comprise of: Data Entry-Document Management, Business Process Outsourcing, Software Development, Operational IT Services, Scanning Services, Image Processing.

SPS Vietnam has admitted 1500 young dynamic, highly motivated, and innovative people with 3 Offices (Sai Gon Tel, TMA Building, Can Tho City).

Main tasks:

- Lead team to complete tasks within schedule

- Perform user training and documentation

- Cooperate with different internal parties to solve business requests

- Manage all databases of company
  [PostgreSQL, MySQL, NoSQL, MS.SQL, Oracle]

- Database and System solution:

  o Clustering

  o High Available

  o High Scalability

  o Load balancing

  o Failover

  o Replication

  o Data Center

- o Backup and Restore

- o Synchronize data

- Monitor databases, system (Nagios, Cacti, pgwatch, PostgreStats,…)

- Setup and Manage system:

    - o Mail server (Novell GroupWise, Postfix, QMail, MDaemon,…)

    - o File Server (Samba)

    - o VoIP server (Asterisk, Trixbox)

    - o Chat server (Openfire)

    - o Helpdesk server (ManageEngine ServiceDesk Plus)

    - o FTP & sFTP (vsftpd, pure-ftpd,…)

    - o LDAP Server (OpenLdap)

    - o Web Server (LAMP, Tomcat, IIS)

    - o Virtualization (VMWare, XEN,…)

    - o Clustering

    - o High Available

    - o DNS & DHCP

- Moving Data Center (Moving Office)

- Manage the system to ensure 24/7 operation

Awards: *The most favorite employee of SPS Vietnam in 2011*

A member of the champion football team (SPS Vietnam team) in SPS football world cup 2013 in Switzerland (24 countries).

6. Database Administrator

FPT Online Service Joint-Stock Company

(http://fptonline.net)

FPT Online is a member of FPT Corporation. FPT Online focuses on online games, digital music, e-commerce, and SMS service. FPT Online is a big company on Game Online environment in Vietnam.

- Manage all databases of company

  [MySQL (45%), MS.SQL (45%), Oracle (10%)]

  (Contact partners, Deployment, Maintenance, Backup, Restore, Create Game event,…)

- Database solution:

  o Replication

  o Failover

  o Load balancing

  o Backup and Restore

  o Synchronize data

  o Monitor

  o …

- Contact with partners and Deploy game products in Vietnam.

- Maintain Database system, Linux system.

- Manage the system to ensure 24/7 operation.

- Manage all game forums of company

III. EDUCATION

Ho Chi Minh City University of Science

Major: Mathematics and Computer Science

Level: Bachelor's degree

(2004-2008)

Ho Chi Minh Open University

Major: Business Management

Level: Bachelor's degree

(2009-2012)

Labour Culture Palace Ho Chi Minh City

Major: Master of Ceremonies (MC)

Level: Training course

(2007-2008)

PACE Institute Of Leadership & Management

Major: Problem Solving Skills

Level: Training course

(2011)

TOP PION Training & Consulting Group

Major: Time Management

Level: Training course

(2012)

TOP PION Training & Consulting Group

Major: Leader Mindset

Level: Training course

(2013)

IV. SKILLS

A. Information technology & Computing

- Database

    o Expert: MySQL, PostgreSQL, MS SQL Server (8-10 years)

    o Good knowledge: Oracle (3 years)

- System

    o Expert: Linux (CentOS, Redhat, Ubuntu, SUSE,…) (7-10 years)

    o Good knowledge: Microsoft Windows Server (2003, 2008, 2012) (5 years)

- Cloud computing

    o Amazon Web service: 4 years

    o Google Cloud: 1 year

    o Microsoft Azure: 1 year

- Programmer

    o Expert: PHP, Python, Shell/Bash Script, HTML, Javascript, CSS, React JS, React Native,...

    o Good knowledge: Java, .NET

- Good knowledge with Server & Hardware: HP, Dell, SuperMicro, Dell, RAID, BladeSystem Server, Virtualization Server,…

- Good knowledge with System Application: Mail, Phone-VoIP, FTP, sFTP, Chat, Monitor, DNS-DHCP, Samba, Helpdesk, LDAP,…

- Good knowledge with Network and Infrastructure (Router, Switch, Patch panel, Data Center, Server room, UPS, Rack Tower, Air system,…)

- Good knowledge with Security (Firewall, Encrypt data,…)

- Expert in Design with Photoshop

B. Business and Management

- Team Management

- Planning (Strategic, Project, Risk, Financial,…)

- Productivity (Time management, Meeting management, Leadership, Personal Productivity,…)

- Documentation.

- Communication (Social networking, Speaking, Sales,…)

- Creativity (Problem-solving, Brainstorming, Imagination, Inventiveness, Making connections,…)

- Motivation.

- Teamwork.

V. INTERESTS

- Swimming

- Dancesport

- Soccer

- Kungfu

- Taking photos

- Travel