

LE BIEN CUONG

SENIOR SOFTWARE ENGINEER | DEVOPS ENGINEER

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OBJECTIVE

- Individual with ability to follow established procedures and work under little or no supervision. Looking to obtain the job of Senior Software Engineer or DevOps Engineer; offering technical expertise in programming analysis, application analysis, and design. Possess strong ability to develop application using Python, Rust, and C# based tools.
- Try hard to become a Senior Devops Engineer, automate everything in mindset, deploy a best infrastructure based-on scripting and tools.

EXPERIENCE & SKILL SUMMARY

- 17+ years of experience in Software Development.
- 15+ years working with Python, C#
- 5+ years working with Erlang.
- 2+ years working with Rust.
- 16+ years working with *nix based systems.
- 11+ years of experience working with agile/scrum and Source version control.
- 5+ years of experience in DevOps & System Administrator.
- 6+ years working with Windows server platform and databases.
- 5+ year of experience working in configuration management with Ansible
- 3+ year of experience working with CI/CD: Gitlab Runner CI, Jenkins.
- Having knowledge with docker swarm, kubernetes and cloud computing: AWS, GCP (essential understanding and practical experiences).
- Having experience in Virtualization/Containerization.
- Scripting: fair working knowledge of Bash/ZSH and batch scripting.
- Family with monitoring tools and issues tracking tools.
- Experience with software development life cycle and release management methodologies. Experienced in wide range of client/server applications on Linux and Windows.
- Hard working, self-motivated and highly-responsible.
- Quick catchup new technologies.
- Good team work and time management.
- English communication: Good reading and writing technical documentation and wiki.

TECHNICAL SKILLS

- Programming languages: Python, Rust, Erlang, Vlang, C#
- Shell scripting languages: bash, zsh
- Relational database management system: PostgreSQL, MySQL, MS SQL Server
- NoSQL databases: MongoDB, Apache CouchDB, AWS DynamoDB
- Python ORM: SQLAlchemy, peewee
- Python Web and Microframework: Flask, Django
- Python AI/Machine learning: SciPy, scikit
- Message Broker Systems: RabbitMQ, AWS MQ
- Version Control System: git (bitbucket, github, gitlab), hg

- IT Infrastructure: Ansible, Terraform
- Container Platform and Technology: Docker, Kubernetes
- Serverless computing platform: AWS RestAPI gateway + AWS Lambda
- Application and Infrastructure Monitoring: Sensu-Go, Nagios XI, Zabbix, AWS CloudWatch
- Centralized log management: Graylog, AWS CloudWatch Logs
- Cloud Computing Services: Google CP, AWS Cloud (EC2, ...)
- Cloud Storage Service: AWS S3
- Key-value stores: ETCD, Redis
- Secrets Management: Vault
- CI/CD tools: Gitlab Runner CI, Jenkins, GoCD
- Other tools: Vagrant
- Linux-based Operating Systems: Ubuntu, Debian, Fedora, CentOS
- BSD-based Operating Systems: FreeBSD
- Darwin-based Operating Systems: macOS
- Windows-based Operating Systems: Windows Server
- Design, Init and Build a new infrastructure from zero or Improves existing infrastructure to make everything smooth and automate.

RELEVANT PROJECTS

- Company: Chromaway.com
- Product: POSTCHAIN NODES, RELLR, BLOCKCHAINS
- Roles: DevOps Engineer
- The system combines the power and flexibility of mature relational database systems with the secure collaboration and disruptive potential of blockchain. The relational blockchain represents the convergent future of blockchain and database systems. ChromaWay has two relational blockchain products:
- A private relational blockchain called Postchain which is perfect for enterprise applications. Easy to develop, secure, and designed to integrate with existing business systems.
- A public relational blockchain for public applications called Chromia. With a powerful blockchain programming language, infinite horizontal scaling, and governance model predicated on fairness and flexibility, Chromia uses relational blockchain to take “dapps” to the mainstream.
- Responsibility:
 - Initialize the Build Infrastructure.
 - Auto generate postchain node configs for almost deployment cases.
 - Auto build blockchain rell apps.
 - Auto generate Terraform main tf for GCP and AWS to creates and deploy postchain nodes to multi Vms running as standalone nor docker Vms.
 - Implement Rell IDE as a Service using AWS Rest API getway and AWS Lambda (written in Python 3.7). Allow auto run nor terminate an IAM image (with docker/rellr/postchain nodes pre-installed) anytime if needed.
 - Set up and maintained infrastructure as code using Ansible and Terraform.
 - Monitored and ensure system worked well 24/7.
 - Solved almost infrastructure issues and speed up release process.
- Technologies:
 - python, bash, bitbucket (pipelines), gitlab runner ci, ansible, terraform, docker, kubernetes, sensu-go, vault.
 - AWS (EC2, S3, API gateway, Lambda, Fargate, Route 53).

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- Company: Envoymobile.com
 - Product: SPECIALTY PHARMACY THERAPY MANAGEMENT SYSTEM
 - Roles: Senior Softwate Developer, DevOps Engineer
 - The system provides the following functionalities:

- Engaging patients and physicians in higher quality of care Strengthening payer relationships through enhanced clinical outcomes
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- Supporting the clinical management of high touch disease states Engaging patients and physicians in higher quality of care
- Responsibilities:
 - A member of core team
 - Design and Implement Windows service for bidirectional database synchronization (between MS SQL Server and PostgreSQL).
 - Managing more than 2,00 virtual servers running Debian 8/9
 - Set up and maintained infrastructure as code using Ansible
 - Improve the test landscape scripting
 - Monitor and ensure system worked well 24/7.
 - Solve almost infrastructure issues and speed up release process.
- Technologies:
 - ms sql server, postgresql, python, bash, c#, gitlab, gitlab runner ci, youtrack, ansible, docker, etcd, sensu, vault.

- Company: Voalte.com
- Product: VOALTE HEALTHCARE COMMUNICATION SERVICE
- Role: Senior Erlang Developer
- The system provides an efficient care team collaboration which is vital to your hospital's success and your patients' care. Rely on a communication platform that supports efficient workflows, rapid response to patients, integration with the electronic medical record, and key performance measures. But don't take our word for it: Customers reveal the real results powered by Voalte.
- Responsibilities:
 - Voalte REST system core team member.
- Technologies:
 - erlang, python, ejabberd, jenkins.

WORK EXPERIENCE

- DevOps Engineer @ Chromaway.com, Sweden from SEP 2019 to present.
- Senior Software Developer, DevOps Engineer @ Envoymobile.com, US from MAR 2014 to DEC 2019.
 - Development bidirectional synchronization database service.
 - Initialize and operate infrastructure, create auto deploy/build system to multiple environments (dev, test, sandbox, ...).
- Senior Erlang Developer @ Voalte.com, US from MAR 2011 to FEB 2014
 - Development Voalte REST system in erlang.
 - A member of core dev team (healthcare communication service).
- Senior Python Developer @ EPIC ADV, US and Canada from JAN 2008 to FEB 2011
 - Development LiveChat client for Advertiser (XMPP protocol).
 - Development AutoChatBot module and integrate it with ejabberd XMPP server.
 - Development Ad VirtualDesign Platform server (cpython).
- Software Engineer @ HPT.vn, Vietnam from JAN 2007 to JAN 2008
 - Design and Implement SDPS to Spaceman Data Processing System for Unilever Vietnam.
- Software Engineer @ FISGlobal.com, Vietnam from JAN 2005 to NOV 2006
 - Design and Implement LIS to Land Information System based-on ArcGIS.
- Software Engineer @ ENVHCMC.vn, Thu Duc power company, Vietnam from MAY 2001 to OCT 2004
 - Design and Implement PSE (Power System Emulator) system for Thu Duc power company.