**HUY TRONG NGUYEN**

**Data Architect**

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*Passionate about implementing effective data solutions that will assist businesses in gaining access to reliable and high-quality data in order to make better decisions*

**Work Experience**

**Data Architect** 11/2023 –

**MoMo**

- Skills: Google BigQuery, PostgreSQL, C#, ASP.NET Core, TypeScript, ReactJS

- Develop data-driven solutions such as reports, toolkits, dashboards, models and analytical frameworks to help further stakeholder’s decisions.

- Shape the development of our data infrastructure including data warehousing, optimization and maintenance of our analytics platforms.

**Lead Data Engineer – Data Analytics** 09/2018 – 01/2023

**VNG Corporation**

- Role: Team Leader, Data Engineer, Data Analyst, Backend Dev, Frontend Dev

- Skills: Scala, Spark, Hadoop, PostgreSQL, C#, ASP.NET Core, TypeScript, ReactJS, D3

- Leading, architecting, designing and building Game Market Science, the next generation of analytic solutions from scratch to galvanize digitalization in VNGGames.

- Build an internal tool to manage client account, track transaction log and provide an auto approval workflow with liveness detection on web for trueID

- Manage and coach the Team members and participate into their performance appraisal

**Solution Architect** 02/2018 – 09/2018

**FPT Software**

- Role: Solution Architect, Software Architect

- Skills: Java, Spring, TypeScript, Angular

- Provide technical leadership to project team and members

- Decide on what technical architecture should be implemented

- Accountable for the technical integrity of the architecture/design

**Lead Full-Stack Engineer** 02/2017 – 02/2018

**Sentifi**

- Role: Backend Dev, Frontend Dev

- Skills: Java, Spring Boot, PostgreSQL, JavaScript, ReactJS

- Leading, architecting, designing and building Sentifi Data Management, an internal tool provides the solution to manage Sentifi data (topics, events, profiles, keywords), help other teams can audit data easily and quickly as well as statistics and analytics data.

**Senior Software Engineer** 05/2013 – 02/2017

**KMS Technology**

- Role: Backend Dev, Frontend Dev

- Skills: Java, Spring, Oracle, Elasticsearch, JavaScript, ExtJS, AngularJS, ReactJS

- Take an accountability on Expense Manager, an enterprise application provides the solution to manage the spend data, matches it to the appropriate recipient, ensures the record is accurate and complete before it’s reported.

- Build a visualization dashboard for spend compliance product activities with Expense Fields Management, Expense Form Design, File Layouts Management

- Provide a Compliance Reports with custom criteria and various reporting templates

**Senior Software Engineer** 07/2012 – 05/2013

**VNG Corporation**

**Software Engineer** 10/2011 – 07/2012

**GNT**

**Lecturer** 08/2009 – 10/2011

**Hoa Sen University**

**Software Engineer** 08/2008 – 07/2009

**Kobekara**

**Skills**

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| --- | --- |
| **Technical Skills** | |
| JavaScript, TypeScript, jQuery, ExtJS, AngularJS, Angular, ReactJS, VueJS | ⚫⚫⚫⚫⚫ |
| CSS, SASS, Bootstrap | ⚫⚫⚫⚫⚫ |
| Source Control (Git, SVN) | ⚫⚫⚫⚫⚫ |
| Java 8, Spring, Spring Boot | ⚫⚫⚫⚫⚫ |
| Scala, Spark | ⚫⚫⚫⚫⚫ |
| Database (SQL Server, Oracle, MySQL, PostgreSQL, Cassandra, Elasticsearch) | ⚫⚫⚫⚫⚫ |
| C#, ASP.NET Core | ⚫⚫⚫⚫⚫ |
| Python, FastAPI, Airflow | ⚫⚫⚫⚫⚫ |
| Google BigQuery | ⚫⚫⚫⚫⚫ |
| **Methodology Skills** | |
| Agile, Scrum | ⚫⚫⚫⚫⚫ |
| Waterfall | ⚫⚫⚫⚫⚫ |
| **Soft Skills** | |
| Problem Solving | ⚫⚫⚫⚫⚫ |
| Making Decision | ⚫⚫⚫⚫⚫ |
| Time Management | ⚫⚫⚫⚫⚫ |
| Leadership | ⚫⚫⚫⚫⚫ |
| Negotiation | ⚫⚫⚫⚫⚫ |
| Critical Thinking | ⚫⚫⚫⚫⚫ |
| Presentation | ⚫⚫⚫⚫⚫ |
| Communication | ⚫⚫⚫⚫⚫ |
| **Industry & Domain Expertise** | |
| Gaming | ⚫⚫⚫⚫⚫ |
| Marketing | ⚫⚫⚫⚫⚫ |
| Healthcare | ⚫⚫⚫⚫⚫ |
| Finance | ⚫⚫⚫⚫⚫ |
| E-Commerce | ⚫⚫⚫⚫⚫ |

**Education**

*2008*

Bachelor of Mathematics and Computer Science,

Ho Chi Minh City University of Education, Vietnam

**Achievements**

*2020*

- Host the sharing session The Art of Data Pipelines in VNG

*2018*

- Host the sharing session Elasticsearch in VNG

*2018*

- Host the sharing session RxJS in FSOFT

*2017*

- Host the sharing session ReactJS and D3 in Sentifi

*2015*

- Speaker in KMS Techcon 2015 with topic ReactJS

- Host the sharing session AngularJS 1.x reloaded in KMS

*2010*

- Host the seminar ASP.NET MVC in Hoa Sen University