DUC / MINH DUONG

SOFTWARE DEVELOPER

0451 87 2009

up209d@gmail.com

https://ducup.dev

Melbourne, Victoria, Australia

EDUCATION

2005 - 2009

Bachelor of Computer Sciences - Information Technology

> Vietnam National Economics University

2009 - 2012

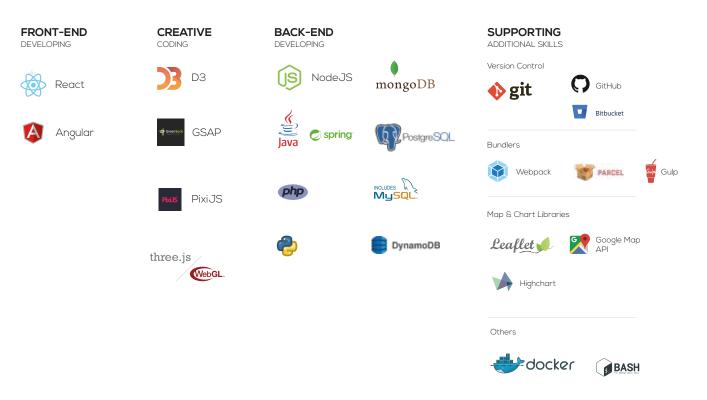### Diploma of Digital Animation & Motion Graphics

> Vietnam FPT University

2014 - 2016

Master of Multimedia

> Monash University

PROFESSIONAL SKILLS

FRONT-END
DEVELOPING

- React
- Angular

CREATIVE
CODING

- D3
- GSAP
- PixiJS
- three.js / WebGL

BACK-END
DEVELOPING

- NodeJS
- mongoDB
- Java
- spring
- PostgreSQL
- php
- INCLUDES MySQL
- python
- DynamoDB

SUPPORTING
ADDITIONAL SKILLS

Version Control

- git
- GitHub
- Bitbucket

Bundlers

- Webpack
- PARCEL
- Gulp

Map & Chart Libraries

- Leaflet
- Google Map API
- Highchart

Others

- docker
- BASH

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Melbourne, Victoria, Australia

WORK EXPERIENCE

9+ Years Experience

GO1 PTY LTD

Level 8, 257 Collins Street Melbourne, Victoria, 3000
From Jan 2022 to Now
Position: Full-time Software Engineer

Projects: LevelUp

- Fullstack NodeJs (GraphQL API) with Typescript
- Mobile App Development with React Native + E2E Testing with CodeceptJS (Appium)
- Web Development with NextJs + E2E Testing with Playwright
- AWS Infrastructure as code with Pulumi
- AWS Serverless Architecture & Design (Notification Service, CMS)
- Identity authentication with Auth0
- Agile Tool: JIRA | Version Control: Gitlab | CI/CD: Gitlab

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WORK EXPERIENCE

9+ Years Experience

ENERGETIQ SERVICES PTY LTD

Level 27, 303 Collins Street, Melbourne, Victoria, 3000 | +61 3 8622 1900 | energetiq.com.au
From May 2019 to Sep 2021
Position: Full-time Software Engineer

Working across current leading edge technologies | Projects: NBV, NBM, QUANTIFY, & METERING

- React + Redux (Thunk) + React Router + Styled-components + React-vis
- React Unit testing with Jest + Enzyme, E2E testing with Cypress
- AWS Products: API Gateway + Lamda (Nodejs) + Cloud Formation/SAM + SQS + SNS + ECS + EC2
- CI/CD Tools: Jenkins + AWS CodeBuild/CodePipeline + Ansible
- Performance Testing: Jmeter/Taurus
- Agile Tool: JIRA | Version Control: GitHub

DATA ARTS PTY LTD.

8/95 Victoria Street, Fitzroy, Victoria, 3065 | info@datalabsagency.com | 03 9416 3033
From June 2017 to July 2019
Position: Full-time Front-end Developer & Data Visualizer

> **Projects:**

Dep. of Education & Training - School Funding Estimator
https://www.education.gov.au/school-funding-estimator/

Datalabs - Queensland Wildlife:
https://demos.datalabsagency.com/qld/

Datalabs - Introduction to Data Visualization:
http://aws.datalabs.com.au/

Obikus - Interactive Chain Map:
https://demos.orbikus.com/orbikus_interactive_chain_map

SEEK - Laws of Attraction (AU/NZ):
https://insightsresources.seek.com.au/page/data-lab

Melbourne University Research Events Map:
http://benews.unimelb.edu.au/

Private Projects Clients:

Transport for Victoria | Australasian Fleet Management Association (AfMA) | Transurban Ltd. | Turnstile Group

Duties:

- Data Visualization developing: D3/HighChart + GreenSock/PixiJS.
- Map Visualization developing: Leaflet/Google Map/MapBox.
- 3D Data Visualization developing: ThreeJs + Native WebGL (GLSL).
- Front-end developing: AngularJs 1.x + UI-Router + Bootstrap 4.
- Front-end developing: React + React-Router + Redux (Thunk/Saga) + Material-UI + React-Motion.
- Project packaging development and production with Webpack/Gulp.
- Back-end developing: Nodejs + ExpressJs + Document-based databases (MongoDB/Firebase).
- Back-end developing: Apache/NGINX PHP + MySQL.

> **Project Version Control**: GitHub & Bitbucket

> **DataArts Domains & Servers**: I take care of company's domains and clients' domains, assign SSL Certificates on them, managing Data Arts Servers (NodeJs Server on AWS EC2 - Ubuntu, NGINX Server on Liquid Web Hosting - via CPanel & WHM).

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WORK EXPERIENCE

9+ Years Experience

A GAP IN MY CAREER
From May 2014 to May 2017
Studied at Monash University
I focused on study in order to get a good academic record at Monash University. I found that doing freelancer job take too much time so I couldn't focus on my self-projects at Monash. I decided to temporarily quit the freelance offers. After graduate, I spent few months resting and travelling. It also took me other months updating my knowledge and building my portfolio online which is now at http://up.damgteam.com.

Self-Projects at Monash University

Australian Open Tennis - History (TouchScreen Version)
https://up209d.github.io/OpenTheFirst/

Night Owl vs Early Bird - Interactive Web Illustration
https://up209d.github.io/LastAssignment/project/

CMC TELECOM

11th floor, CMC Tower, 11 Duy Tan, Dich Vong Hau Ward, Cau Giay District,
Hanoi, Vietnam | info@cmctelecom.vn | Tel +84 1900 2020
From April 2012 to April 2013
Position: Full-time Web/iOS Developer & Designer

> **Developing**: I was a main developer for website development in CMC Telecom, and partly for UI Development for iOS applications (Objective C).

- Developed web game interface for GameXanh, an online card games project.
- Developed front-end part for Life4U project – an e-wallet service - including website & mobile applications.
- Developed website for SMSViet – a SMS Branding Service - with WordPress CMS with custom template & plugins.
- Developed iOS UI part of an application for managing documentation of General Department of Taxation
- Developed web-based interactivity advertisements (HTML Canvas, Flash).
- Managed and maintained MySQL databases for GameXanh, Life4U & SMSViet.
- Programmed with PHP, ASP, Objective C, JavaScript (Jquery, Underscore & AngularJs), HTML5 & CSS.

W.G CO. LTD

Unit 1503 - C37 Bac Ha Building - To Huu - Thanh Xuan District
Hanoi, Vietnam | info@wecan-group.com | Tel +84 24 6664 0261 / +84 24 6285 2660
From August 2009 to February 2012 | From May 2012 to March 2014
Position: Freelancer Front-end Developer

> **Developing**: I took responsibility for front-end part of **~100 website projects** in W.G such as information websites, ecommerce online shopping websites and partly did website design also.

- Converted design from PSD to PHP, HTML, Javascript & CSS.
- Developed custom UI Templates (PHP) for W.G Commercial CMS.
- Test and debug front-end part for browsers compatibility (IE 6,7,8,9,10,11, Mozilla Firefox, Google Chrome).
- Integrated AJAX techniques (Jquery AJAX) in client-side to communicate with W.G Commercial CMS.
- Developed PHP RESTful API for AJAX JSON Data fetching from W.G Commercial CMS Database.
- Developed interactive banners, slideshows, photo galleries, carousel sliders by Javascript & HTML Canvas renderer.