KRIZTOPER D. URMENETA

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WORK EXPERIENCE

PEARLPAY, INC.   *Makati City, Metro Manila*
Associate Java Software Engineer   *Apr 2021 – Present*
- Achieved high consistency and sprint velocity by being 1st to complete tickets per sprint a couple of times
- Improved fast rate of resolving production issues of 3 production environments by maximizing debugging tool
- Delegated to do deployments and monitoring of the 3 production environments

ORANGE AND BRONZE SOFTWARE LABS, INC.   *Makati City, Metro Manila*
Associate Java Enterprise Engineer   *Feb 2020 – Mar 2021*
- Improved features with query run-time usually from ~1 min to 3-4 sec
- Motivated the initiative to strengthen server security which prevented 2 attempted exploits
- Demonstrated weekly or biweekly updates of features to client

PRIMARY SOFTWARE DEVELOPMENT CORP   *Cebu City, Cebu*
Research and Development Intern   *Jun 2017 – Jul 2017*
- Presented to developers a framework for rapid application development including 2 other tools
- Coordinated with new teammates to develop prototypes and 1 major application using the framework

SKILLS

Development: Python, HTML, CSS, VueJS, Angular, Java, Spring Boot, PHP, Laravel, Lumen, Ruby on Rails
Databases: PostgreSQL, MySQL, MariaDB, Oracle PL/SQL **Cloud:** AWS, Amazon EC2, S3, RDS
DevOps: Git, Github Actions, Jenkins, SonarQube, Github, Bitbucket, Gitlab **Containerization:** Docker
Package Management: PIP, Maven, Gradle, NPM, Composer, Gem **Server:** Tomcat, Weblogic **Testing:** JUnit
Virtual Environment: virtualenv, Anaconda **AI/ML:** Tensorflow, Keras **Persistence:** JPA, Hibernate, EclipseLink
OS: MacOS, Ubuntu Linux/Unix, Windows **SDLC:** REST, JSON, Microservices, UML, Agile, Jira, Confluence

EDUCATION

UNIVERSITY OF THE PHILIPPINES VISAYAS TACLOBAN COLLEGE (UPVTC)   *Tacloban City, Leyte*
Bachelor of Science in Computer Science   *Aug 2014 – Jun 2019*
Relevant Coursework: Software Engineering, Databases, Algorithms, Data Structures, Linear Algebra, Statistics

CERTIFICATIONS AND TRAINING

Mentoring 2 Computer Science students from UPVTC on anything about Professional SWE and/or CS
Learned with mentees hands-on about SOLID, TDD, Git, Clean Code   *Apr 2021 – Present*

Philippine National IT Standards Level 2 FE(Fundamental IT Engineers) Certification Exam
https://www.philnits.org/passers201510.html#Oct2017FE   *Oct 2017 – Present*
A government-certified IT fundamentals exam based on Japan's biggest IT engineers standard exam

Mentored on Software Craftsmanship by an Accenture Agile Coach together with 2 Senior Engineers
Regular Refactoring sessions via code kata, then assisted in SOFTCON 2020 talk   *Aug 2020 – Dec 2020*

PROJECTS

Core Banking System   *Java, Spring, Angular, MariaDB*
- Engineered features with integration to 2 other products, the e-wallet and Loan Management System

Ensemble Image Colorization using Convolutional Neural Network   *Python, Tensorflow, Keras*
- Reached a high naturalness survey score of 84.8%, minimised the average colorization error to ~0.005

ERP System for Pharmaceutical and Consumer Goods Distribution Company   *J2EE, Oracle ADF, PL/SQL*
- Mentored new developer and quality engineer, increased involvement of 10+ users and different user roles

Web App (Standardized Archive for Data Collection of Research Samples)   *Laravel, VueJS, MySQL*
- Served API endpoints of 3 sampling entities from data for the early stages of the Government funded project

Connect 4 vs AI Game   *Java*
- Decreased the number of moves evaluated by over 30% through alpha-beta pruning

Foodesire Web App *(https://foodesire.herokuapp.com)*   *Ruby on Rails, HTML, CSS, JS, PostgreSQL*
- Expanded the publicity by ~20% by adding a Facebook sharer feature

University Open House Web App (Student-made games collections and forum)   *Laravel, VueJS, MySQL*
- Originated the whole forum feature with real-time search and filter used campus-wide of ~2000 students