



ERWIEN TJIPTA WIJAYA

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SUMMARY

I have almost 15 years of experience in the information technology and education industry. I have high motivation to learn new things. Able to communicate well from bottom level to top level (C-Level), can work with teams, have the ability to organize and coordinate with one team and with other teams. I like new challenges outside my job specialization and I like analytical thinking.

WORK EXPERIENCE

Practitioner Lecture, FILKOM Universitas Brawijaya - Malang **Apr 2024 - May 2024**

- Provide theoretical and practical training for the utilization of Docker in courses **Analisa Desain dan Sistem Informasi**

Full Stack Data, The Edge Property Ltd (edgeprop.sg) - Singapore **Dec 2021 - Dec 2022**

- SQL service design and optimization so that the process can run quickly and correctly.
- As crontab or service admin using **stackstorm**.
- Ingestion of data into the data warehouse through web scraping with Python.
- As an AWS EC2 admin to ensure that the data ingestion server can run properly according to the schedule managed on **Stackstorm**.

Data Analyst, PT. Alpha Teknologi Indonesia (alterra.id) - Jakarta **Feb 2020 - May 2021**

- Creation of data visualisation reports for C-level requirements.
- Create Business Intelligence Dashboard as Insight Report (Transaction, GMV, Margin, Cohort).
- As admin and developer of a BI Dashboard app built using Flask Python and Tableau.

System Analyst, PT. Alpha Teknologi Indonesia (alterra.id) - Malang **Oct 2019 - Jan 2020**

- Analyze business process needs and coordinate with Product Manager and Development Team.
- Conduct business process documentation through diagrams (ERD, DFD, UML and BPMN).
- Monitoring the UAT process until it reaches the end user.

Mentor, Alterra Academy (academy.alterra.id) - Malang **Jun 2018 - Oct 2019**

- Create a curriculum for boot camp (JavaScript and TypeScript)
- Mentoring mentee in class

Software Engineer, PT. Alpha Teknologi Indonesia (alterra.id) - Malang **Jun 2018 - Oct 2019**

- Create Restfull API which will be used by Mobile Engineer and FrontEnd Engineer.
- Establish a scheduled payment system service.
- Perform endpoint enhancement and optimization of bugs or new features.
- Implement agile methodology with best practice scrum and kanban.

Lecturer of Information Systems, Universitas Merdeka - Malang **May 2017 - Jul 2018**

- Conduct teaching, research and community service.
- Active as coordinator of the Journal of Information Technology and Management.
- Active as a student mentor in GEMASTIK events.

Lecturer of Informatics Engineering, Institut Asia (STMIK Asia) - Malang <ul style="list-style-type: none"> • Conduct teaching, research and community service. • Former Head of Informatics Engineering Department and Head of LP3M. • Active as a student mentor in GEMASTIK events. 	Oct 2009 - Jun 2016
Programmer, PT. Infoglobal Autoptima (infoglobal.co.id) - Surabaya <ul style="list-style-type: none"> • Creating a desktop app for the payment system at PT PLN (Persero). • Creating a GIS app for substation or feeder information at PT. PLN (Persero). • Monitoring and fixing bug lines of code. 	Feb 2005 - Mar 2007
Head of IT, PT. Delta Mitra System - Surabaya <ul style="list-style-type: none"> • Coordination with development team and Product manager. • Reporting budget, needs and development progress to C-Level. • Perform code review, code merging with tortoise svn. • Designing development budgeting needs. 	Ags 2003 - Jan 2005
Programmer, PT. Indoplastika Jaya Abadi - Sidoarjo <ul style="list-style-type: none"> • Creating a desktop-based ERP app. • Monitoring and fixing line of code bugs. • Technology migration by revamping from VB 6 to VB .Net. 	Mar 2002 - May 2003

EDUCATION

Master Of Computer Institut Sains dan Teknologi Terpadu Surabaya (ISTTS), Surabaya <ul style="list-style-type: none"> • Information Technology Study Program. 	Apr 2006 - Nov 2011
Bachelor Of Engineer Institut Teknologi Adhi Tama Surabaya (ITATS)), Surabaya <ul style="list-style-type: none"> • Informatics Engineering Study Program. 	Apr 1998 - Oct 2003

ADDITIONAL INFORMATION

- **Technical Skills:** Python, PHP, Nodejs, Laravel, Django, Flask, Tableau, SQL, Docker dan GIT.
- **Languages:** English and bahasa
- **Awards/Activities:** Alterra Public Speaking, 5 Days MBA Workshop, Data Science (DQLab), Tableau (Udemy), Crash Course on Python (Google), Praktisi Mengajar Flagship Universitas Brawijaya