

# Ding Zhillo

## Sr. Python Developer

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📄 live:.cid.481b7abfb7cf26e8 🔄 Pharaon3 📅 16 Nov 1993

### Profile

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As a seasoned Senior Python Developer, I bring a wealth of experience in developing robust web applications using frameworks such as Django and Flask. With a proven track record of delivering high-quality solutions, I have successfully built numerous web applications that meet and exceed client expectations.

One of my key strengths lies in web scraping, where I have adeptly scraped vast amounts of data from various websites and conducted in-depth analysis to derive valuable insights. This has enabled me to provide clients with actionable information for informed decision-making.

Driven by a passion for exploring new technologies and embracing challenges, I thrive in dynamic environments that push me to continually enhance my skills. I take pride in my ability to troubleshoot and resolve issues efficiently, as I believe that overcoming challenges not only strengthens my expertise but also contributes to the overall success of the project.

I am dedicated to delivering innovative solutions, collaborating with teams, and staying abreast of the latest industry trends to ensure the highest level of performance and quality in all my endeavors.

### Education

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Shanghai Jiao Tong University   
Bachelor's degree in Mathematics and Computer

Apr 2013 – Oct 2015  
Shanghai, China

### Skills

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**Python Programming Language**

**Object-Oriented Programming (OOP)**

**Data Structures and Algorithms**

**Web Development Frameworks**  
*Django, Flask*

**Database Management**  
*MySQL, PostgreSQL, MongoDB*

**Version Control Systems**  
*Git*

**Debugging and Troubleshooting**

**Machine Learning and Artificial Intelligence**

**Natural Language Processing**

**Analytical and Logical Thinking**

**Adaptability and Flexibility**

**Communication and Collaboration**

**Continuous Learning and Self-Improvement**

## Professional Experience

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### Telcast

Sep 2021 – present

*Co-founder & Chief Technology Officer*

United States

#### Company Summary

- A fully System with Ads and video live streaming, video uploading, subscription system, profile addition, live streaming scheduling.
- Designing & development of Reports, Business Glossary features CRs Dialog required.
- Debugging and identifying defects in modules and report templates.
- Provide frequent summary of project progress updates to clients and detailed documentation.
- Customer facing.
- Analyzing designing and implementing database and core modules.- Provided detailed service architecture and developed service layers.
- System integration & Integration testing of all components.
- Developer Release management and documentation.
- System integration & Integration testing of all components.
- Fixing the identified issues in the system.
- Development additional features.
- Development testing and developer release management and complete documentation.
- Designing and developing CRs integrating with sub modules.
- [www.telcast.tv/dingzhillio](http://www.telcast.tv/dingzhillio)

### TrueERP

Feb 2019 – Aug 2021

*Backend Developer*

Sydney, Australia

#### Responsibilities:

- Spearheaded the development of an ERP System by leveraging Django and MySQL technologies.
- Designed and implemented numerous APIs, which can be accessed at [https://www.trueerp.com/wiki/Web\\_API](https://www.trueerp.com/wiki/Web_API).
- Initiated the transition from PHP to Python due to enhanced API speed and performance as the project scaled.
- Collaborated effectively with a team of skilled professionals to successfully execute the project.
- Demonstrated continuous improvement by enhancing teamwork skills and contributing to the project's success.



#### Achievements:

- Successfully led the backend development of the ERP System, showcasing proficiency in Django and MySQL.
- Played a pivotal role in optimizing API performance by migrating from PHP to Python.
- Contributed to the ongoing development of the frontend and backend components of the system.
- Enhanced teamwork abilities through collaboration with colleagues to achieve project milestones.

This professional experience at TrueERP has not only enriched my technical skills but also honed my ability to work effectively in a team-oriented environment.

## Publications

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| <b>An Empirical Study of OSS-Fuzz</b>   | Jan 2021 |
| <i>Mining Software Repositories</i>  |          |
| <a href="https://squareslab.github.io/materials/DingOSSFuzz21.pdf">https://squareslab.github.io/materials/DingOSSFuzz21.pdf</a>  |          |
| <b>Leveraging Program Invariants to Promote Population Diversity in SearchBased Automatic Program Repair</b>  | May 2019 |
| <i>Genetic Improvement</i>   |          |
| <a href="https://dl.acm.org/citation.cfm?id=3339022">https://dl.acm.org/citation.cfm?id=3339022</a>  |          |