

Wei Zhang

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GitHub: github.com/zhangwei-dev | Location: Beijing, China

Education

The University of Melbourne, Victoria, Australia

Sept 2015 - June 2018

- Thesis: "Distributed Deep Learning Systems for Real-time Image Recognition"

- Coursework: Advanced Algorithms, Machine Learning, Distributed Systems, Cloud Computing

The University of Melbourne, Victoria, Australia

Sept 2011 - June 2015

- Outstanding Graduate Award

- Coursework: Data Structures, Computer Architecture, Object-Oriented Programming, Database Systems

Skills

- **Programming Languages:** Python, Java, JavaScript, TypeScript, Go, C++
- **Frameworks/Libraries:** React, Node.js, Django, Spring Boot, TensorFlow, PyTorch
- **Cloud/DevOps:** AWS, Docker, Kubernetes, CI/CD, Terraform
- **Databases:** PostgreSQL, MongoDB, Redis, Elasticsearch
- **Tools:** Git, JIRA, Docker, Jenkins, Prometheus, Grafana

Industry Experience

Senior Software Engineer

July 2020 - Present

ByteDance, Beijing, China

- Led a team of 5 engineers to develop and deploy a recommendation system that increased user engagement by 28%
- Architected and implemented a distributed data processing pipeline handling 10TB+ daily data using Kafka and Spark
- Optimized backend services, reducing latency by 40% and infrastructure costs by 25%
- Introduced automated testing and CI/CD workflows that decreased deployment time by 60%
- Mentored junior developers and conducted technical interviews for new team members

Software Engineer

Aug 2018 - June 2020

Alibaba Cloud, Hangzhou, China

- Developed and maintained microservices architecture for cloud storage solutions using Java Spring Boot
- Implemented RESTful APIs serving 50M+ daily requests with 99.99% uptime
- Built real-time monitoring dashboards using Prometheus and Grafana
- Contributed to open-source projects related to cloud storage and distributed systems
- Collaborated with product managers to translate business requirements into technical specifications

Software Engineering Intern

Aug 2018 - June 2020

Tencent, Hangzhou, China

- Designed and implemented features for WeChat mini-programs development platform
- Created automated testing frameworks that reduced QA time by 30%
- Participated in code reviews and agile development processes

Certifications

- AWS Certified Solutions Architect (2022)
- Google Cloud Professional Data Engineer (2021)