

Haidian District
Beijing, China

Kai Wang

charles.wangkai@gmail.com
(+86) 13811539414
github.com/charles-wangkai

Aim to Solve Any Technical Problems

Employment

Senior Software Engineer	Sogel	2021 – 2024
Outsourcing Projects		
<ul style="list-style-type: none">• Developed the backend of a real-time processing application for sensor data visualization. (Rust)• Designed and developed the backend of a translation editor Web application. (Java, Spring Boot, Elasticsearch)		
Senior Software Engineer	Airbnb, China	2020 – 2021
Community Support Platform		
<ul style="list-style-type: none">• Built data hub services for reusing common processed data. (Java, Microservices)• Reorganized help articles to reduce customer support tickets. (A/B Testing)		
Senior Software Engineer	BigOne Lab	2017 – 2020
Data Intelligence Platform for Key Decision Makers		
<ul style="list-style-type: none">• Explored and applied new methods in Tech Lab. (AWS Lambda, Google Apps Script, Slack Bot, NLP)• Developed web crawlers to extract public data. (Python, Redis, MongoDB, Reverse Engineering)		
Big Data Engineer	Ping++	2015 – 2017
Business Intelligence Platform to Drive Growth		
<ul style="list-style-type: none">• Implemented data pipeline, user ID mapping, and key metrics.• Trained a sales amount prediction model for convenience stores.		
Software Engineer	Amazon, China	2014 – 2015
Merchant Fulfillment Network		
<ul style="list-style-type: none">• Integrated ship track information from the third-party carriers into Amazon.• Built operational reports queried from the data warehouse for monitoring and analyzing.		
Software Engineer	IBM, China Development Lab	2009 – 2014
IBM Z Mainframe Software License Management		
<ul style="list-style-type: none">• Redesigned the report generation pipeline by separating the data source and transformation.• Initiated and developed a test data builder tool, saving manual work by 85%.		

Education

Beijing	Beijing University of Technology	2002 – 2009
<ul style="list-style-type: none">• Master's Degree in Computer Applied Technology, Jul 2009. GPA: 3.5• Bachelor's Degree in Computer Science and Technology, Jul 2006. GPA: 3.6		

Additional Experience and Awards

- **Meta Hacker Cup (2023):** Advanced to Round 2. Ranked 803rd out of 20000+.
- **Codeforces:** Solved 3200+ problems. Ranked top 150. (ID: goalboy)
- **Project Euler:** Level 13. Solved 329 problems. (ID: goalboy)

Skills

- Java, Python, Rust, SQL, C, C++, JavaScript
- Data Structures and Algorithms, Full Stack, Cloud Computing

Favorite IT Books

- “Programming Pearls” (Did all the exercises)
- “Clean Code: A Handbook of Agile Software Craftsmanship”