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DaHai Ye

Contact Information

Mobile: 13693194911 | Email: HiSea@139.com

Date of Birth: Mar 6, 1981

Language Proficiency: Chinese, Business English

Professional Certifications:

ITIL v3 Foundation

OCI Architect Professional



English Qualifications:

CET-6,

BOEC Advanced (Beijing Oral English Certificate Level 3)

Professional Profile

Results-driven IT professional with 20 years of end-to-end software development, enterprise architecture and pre-sales consulting experience. Equipped with a master's degree in software engineering, I possess comprehensive cross-industry delivery background covering central SOEs, state-owned banks, top global tech vendors including Oracle, SAP, HP and IBM. Specialized in full-stack development, cloud infrastructure, low-code platforms and cutting-edge AI RAG & Agent system implementation. Capable of independently designing technical solutions, developing PoC/Demo prototypes, delivering bidding presentations and supporting exhibitions in both Chinese and English. Well-versed in meteorology, energy, manufacturing, transportation, medical and finance vertical industries, ready for business trips.

Suitable Positions

- Solution Architect, Product Consultant & Pre-sales Specialist
- Technical Pre-sales Consultant capable of independent PoC & Demo development
- Product Implementation Consultant, Technical Support & Customer Success Manager
- Forward Deployed Engineer (covers implementation, architecture, coding & bilingual client communication)
- B/S System Architect, Project Manager, Product Manager, IT Technical Manager & Information Director
- Other IT technical & management roles requiring fluent English for daily business communication

Education

Master of Software Engineering | Beijing University of Posts and Telecommunications
Sep 2003 – Jun 2006

Bachelor of Computer Science & Technology | Heilongjiang University of Science & Technology
Sep 1999 – Jun 2003

Core Professional Competencies

1. AI & RAG Architecture

End-to-end design of vertical industry knowledge base, multi-tenant RAG system and custom AI Agent; Skilled in Milvus, PGVector, LangChain, LlamaIndex, Dify, Vibe Coding, yt-dlp, Whisper, PaddleOCR.

Delivered government meteorology intelligent Q&A & full-video vector retrieval projects; Familiar with mainstream LLMs including Qwen, Wenxin, Tongyi, GPT series.

2. Full-Stack Software Development

Backend: Java Spring Stack, Python, Go; Frontend: Vue.js, Bootstrap, Tailwind CSS, ECharts, Streamlit; Hybrid mobile development based on Cordova/Ionic.

Capable of independent PoC, Demo prototype delivery; Git/SVN for version control and agile iteration.

3. Database & Cloud Infrastructure

Oracle, PostgreSQL (Supabase), MySQL, SQLite; SQL performance tuning & enterprise data modeling.

Docker containerization, Linux operation, Oracle OCI Cloud, Tencent Cloud; Distributed architecture, virtualization & CDN deployment.

4. Low-Code & IoT Digitalization

Oracle APEX, Microsoft Power Platform, enterprise low-code SaaS platforms; Raspberry Pi, Arduino, ESP8266, ESP32S hardware control, robotic arm program development, YOLO computer vision inspection.

5. Pre-Sales & Full Lifecycle Project Delivery

20 years end-to-end project experience covering demand research, technical selection, solution writing, bid tendering, on-site demo presentation and customer training.

Served central SOEs, commercial banks, manufacturing, transportation, medical, meteorology and government clients.

6. Cross-Border Client Communication

Independent English business communication, cross-regional project coordination and full-cycle overseas delivery.

Professional Experience

Solution Architect | Beijing Lantian Chuangwei Network Technology

Feb 2025 – Jul 2026

Tech Stack: Python, Go, Vue.js, LangChain, Milvus, Dify, PostgreSQL, Docker, Whisper, Streamlit

1. Led the Guizhou Meteorology Vertical RAG Knowledge Base project: Built intelligent policy retrieval engine with source traceback (file page, hyperlink citation).
2. Developed meteorology emergency report AI Agent to automatically aggregate multi-source weather monitoring data, generate geological disaster emergency documents on demand.
3. Constructed full-video hybrid vector retrieval platform: Audio transcription + text + vector search, supporting long video intelligent summary and timeline positioning.

Solution Pre-sales Consultant | Beijing Shunxin Xiaoyou Network

Dec 2023 – Feb 2025

Tech Stack: Tencent Cloud, EdgeOne Pages, Supabase, PostgreSQL, Vue, ECharts, Oracle APEX, Pandas, WebSocket, Docker

1. Designed multi-tenant industry knowledge platform embedded with RAG hybrid search module.
2. Developed lightweight enterprise shared BI data analysis system for internal operation statistics.
3. Delivered low-code SaaS training & student course management system for education industry clients.

Principal Solution Consultant | Oracle China

Jul 2016 – Nov 2023

Tech Stack: OCI(Oracle Cloud Infrastructure), Oracle Database Cloud Service, Oracle DB, ExaData, Cloud Machine, Oracle APEX, Java Cloud Service, Cloud Machine, Oracle Analytics Cloud, IoT Cloud Service, Raspberry Pi, Arduino, ESP8266, ESP32, YOLO, BootStrap, AngularJS, Vue.js, Python, Ionic, LEGO, 3D Print, Power Automate, Docker, Linux, Virtualization

1. Built enterprise low-code multi-terminal rapid development framework, greatly shortening bid demonstration and project implementation cycle for government & central SOE customers.
2. Developed smart manufacturing factory & AI vision intelligent traffic demo solutions for Oracle Cloud Summit, Guiyang Big Data Expo and industry summits.
3. Completed full-stack Exadata big data platform construction for Beijing Capital Airport; delivered IoT hybrid cloud platform for agricultural digital park projects.
4. Deployed private & hybrid cloud projects for CITIC Cloud, Qiaoxin Group, Gansu Mobile Cloud and over 30 banking, manufacturing & transportation enterprise clients.
5. Hosted on-site solution presentation, technical exchange and tender defense for large group customers. Delivered demo & solution presentations at Oracle Cloud Summit, Guiyang

Big Data Expo, intelligent manufacturing & petroleum industry exhibitions to support sales team business expansion.

Senior Consultant & Project Architect | HPE China

Sep 2015 – Jul 2016

Tech Stack: JEE Spring, Oracle DB, Angular, Bootstrap, Cordova, Agile Scrum

1. Implemented HPE HCIS hospital information system for medical institution customers.
2. Developed remote medical mobile platform for Mingde Hospital, including appointment registration, medical report query and backend JEE management module.

Senior Development & Support Engineer | SAP Beijing

Aug 2014 – Aug 2015

Tech Stack: Java JEE, Hybris, SAP MES, Spring, jQuery, Git

1. Participated in Hybris B2C e-commerce development for Lenovo Australia & New Zealand business.
2. Delivered SAP MES production execution system for Hong Kong new energy manufacturing enterprise via agile iterative delivery.

Senior Solution Consultant | China Energy Group (Shenhua Information)

Feb 2014 – Aug 2014

Tech Stack: Oracle ATG, JEE, Siebel, Bootstrap, jQuery

1. Architected national coal & chemical industry B2B trading platform, supporting multi-language sealed bidding process (Chinese/English/Dutch).
2. Completed nationwide subsidiary system deployment, staff training and online operation, optimizing group sales channels and reducing comprehensive operating costs.

Solution Consultant | Oracle China

Feb 2012 – Feb 2014

Tech Stack: JavaEE, Oracle ATG, BIEE, GRC, Endeca, RightNow CX, Linux Shell

1. Undertaken full-stack e-commerce system construction for Shenhua Group, won FY13 Global Spot Team Award for successful bidding delivery.
2. Delivered retail e-commerce, manufacturing PLM, bank risk control and customer service CRM systems for China Unicom, Huawei, ANZ Bank, Air China, ABB and other well-known enterprises.

Key Honors:

FY13 Spot Team Award – Oracle Global (Shenhua Group E-commerce Bidding Project)

Software Design & Solution Consultant | HP China

Dec 2009 – Feb 2012

Tech Stack: JEE, Swing, HP BSM, Oracle Database, Perl, Shell, Virtualization

1. Delivered unified IT operation monitoring platform for Agricultural Development Bank of China, State Grid, Singapore Citibank, BMW Shenyang and local government HR bureaus.

Senior Software Engineer | IBM CDL (VanceInfo Secondment)

Dec 2008 – Dec 2009

Tech Stack: JEE, ExtJS, Dojo, WebSphere, DB2, Hadoop, SNMP

1. Completed full R&D and official release of IBM Tivoli TFAM hardware management appliance.
2. Built JPA-JSP rapid development framework, accelerating business development efficiency by 5-10 times and reducing system defect rates significantly
3. Developed Hadoop distributed cluster monitoring prototype to support elastic expansion of cloud computing nodes

Java JEE Developer & PM Assistant | Beijing Tianyuan Network

Dec 2004 – Dec 2008

Tech Stack: JEE, ASP.NET, Oracle, Informix, Linux/Unix

1. Developed full-set telecom operation & maintenance software covering 10 provincial branches of China Unicom, including base station monitoring, spare parts inventory management systems, supporting daily operation and centralized training for telecom operation teams