

Han Zheng

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Education

Bachelor's Degree [2004-2008]
E-commerce
Shandong University

Skills and Competences

Full Stack Website Developer

Front End: HTML, CSS, JavaScript, React.js, Next.js, Bootstrap, Tailwind CSS
Back End: NodeJS, NestJS, MySQL, Oracle, ProC, gSOAP, MongoDB, Redis, SQL, NoSQL, Express
Platforms: Linux, Windows, Cloud
Management: Git, Github

Full Stack App Developer

Platforms: iOS Development
Front End: Objective-C, Swift
Back End: Openresty, MySQL, Redis

Desktop App Developer

Languages: C, C++
Frameworks: Win32 API, MFC, Qt
Platforms: Windows

Employment History

Lead Developer

[2015 May – Current]

Shandong CaiDou Information Technology Co., Ltd.

- Creating and maintaining the overall technical architecture of the system.
- Taking part in code reviews to ensure code quality, and best practices.
- Identifying and resolving complex technical challenges.
- Guiding and developing the skills of junior developers.
- Assigning tasks effectively to team members based on their skills and workload.
- Oversee a development team of 8 members.
- Plan the direction and future for IT in accordance to the business continuity plan.
- Serve as an interface between the developers and management.

Achievements:

- Designed and developed an online food ordering application.
 - Using React.js for application development and Express.js for backend services.
 - Using PM2 for managing backend processes.
 - The system can handle over 50,000 orders per day and provides real-time order updates to both users and merchants.
- Designed and developed an online bill payment system by which receivables can be imported into the system, allowing users to complete payments online.
 - Using React.js for application development and Express.js for backend services.
 - Primarily used for electricity, water, and gag bill payments.
- Designed and developed a digital signature system, supporting digital signatures for PDF document and implementing certificate management and timestamp services.
 - Using React.js for application development and NestJS for backend services.
 - Using Electron for desktop application development.

Other Achievements:

- Developed a lightweight file sharing platform for fast transporting files of specific types between colleagues.
- Developed a facial recognition application for daily attendance.
- Developed an iOS application for NFC payments.
- Build a payment infrastructure that integrates multiple payment APIs.

Software Developer

[Apr 2010 – May 2015]

ChuangBo Asia-Pacific Technology (Shandong) Co., Ltd.

- Responsible for the overall architecture and design of the backend system.
- Create the server-side logic, databases, and APIs that power applications.
- Identify performance bottlenecks and implement strategies to improve application speed and responsiveness.
- Work closely with frontend developers to ensure that the backend and frontend components of an application integrate seamlessly.
- Quickly identify and resolve issues that arise in the production environment.

Achievements:

- Maintained and developed a telecom value-added service for over 400,000 users.
- Developed SMS gateways for different ISP providers.
- Developed a campus security system that sends SMS notifications to parents when students enter or exit the school gates.
 - Using Django for backend services.
 - Designed a private protocol for communicating with IoT hardwires.

Software Developer

[Jul 2008 – Mar 2010]

Shandong LanRui Electronic Information Technology Co., Ltd.

- Modifying existing code, and ensure that it meets the project's requirements.
- Identifying and fixing errors in the code to ensure that the software functions correctly.
- Writing and executing tests to verify that individual units of code are working as expected.

Achievements:

- Maintained and enhanced a VoIP software.
 - Improved the user interface for a more intuitive experience.
 - Added support for log analysis.

Additional Skills and Interests

Language: Fluent in Chinese and English, basic Japanese

Certificates: TOEIC 760, JLPT N3

Hobbies: Football, bodybuilding