

CHEN SU

Shanghai, CN

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EDUCATION

Wenzheng College of Soochow University

June 2017

B.Eng. in Computer Science and Technology

EXPERIENCE

FatCoupon Technology Limited

May 2019 - Present

Sr Backend Engineer, Tech Lead

Shanghai, CN

- Leadership: Led the backend team, established code standards, scheduled jobs, reviewed code, and supported the engineering team.
- Architecture: Designed the service architecture by combining serverless and microservices, communicating via HTTP, gRPC, or MQ.
- Backend Services: Developed Golang and Node.js services to provide RESTful APIs and built an RBAC authorization server, dynamic configuration management, and other infrastructure services.
- Order Service: Built a distributed job service to fetch raw order data, performed data cleaning and analysis, and processed over 10 million orders per day.
- Payment Gateway: Integrated PayPal, Alipay, and other payment methods via third-party APIs and provided a universal API for internal services.
- Notifications: Developed services for sending emails, SMS, and in-app notifications, incorporating features such as queuing, rate limiting, and error handling.
- CDN Extension: Customized the AWS CloudFront pipeline to resize image resources and cache third-party images asynchronously to speed up requests.

Timepop Technologies

Sep 2018 - Feb 2019

Backend Engineer

Shanghai, CN

- GraphQL Services: Node.js services providing a GraphQL API for mobile applications.
- Recommendations: Created a service for user and content recommendations, working on both offline data analysis and online serving.
- Mobile Apps: Participated in the development of mobile applications using React Native.

Shanghai Dianda Information Technology

Apr 2018 - Aug 2018

Backend Engineer

Shanghai, CN

- Team Management: Led a team of 5 engineers to create the server-side service of the supply chain system, implemented using Node.js.
- Refactor and Optimization: Migrated Node.js 0.10 services to Node.js 8 and optimized MySQL queries to stabilize the APIs.

Pinming Technology Co Ltd.

May 2017 - Nov 2017

Software Development Engineer

Hangzhou, CN

- BIM Software: Participated in the development of the 3D modeling BIM software based on C++/C#, WPF, and the Autodesk Revit SDK.
- Model Generation: Parsed data from 2D CAD files and generated 3D models using the parsed data and pre-defined parameters.
- Data Persistence: Persisted the structured model data to SQLite and shared it with the CAD software.

PROJECTS

Kashly Short Link Service

kashly.net

- Developed the short link service based on LCG and Base62 algorithms. Also collected and analyzed click data to generate daily statistics.

SnapThePrice

snaptheprice.com

- Built an AI-driven product search engine with NLP models, OpenAI GPT-4o, and Google Vision AI.

KubeEdge

github.com/kubeedge

- Contributed to the KubeEdge project and mentored the CNCF LFX mentorship project.