

# CHEN SU

Shanghai, CN

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## EDUCATION

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Wenzheng College of Soochow University  
B.Eng. in Computer Science and Technology

June 2017

## EXPERIENCE

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FatCoupon Technology Limited May 2019 - Present  
*Sr Backend Engineer, Backend Lead* Shanghai, CN

- **Leadership:** Lead the backend team, create the code standard, scheduled jobs, reviewed the code, and supported the engineering team.
- **Architecture:** Design the architecture of the services by combining serverless and microservices, and communicate with HTTP, gRPC, or MQ.
- **Backend Services:** Golang and Node.js services to provide RESTful API, and build RBAC authorization server, dynamic configuration management, and other infrastructure services.
- **Order Service:** Fetch raw order data from over 30 third-party by their API, data cleaning and analysis, and handle over 2 million orders per day.
- **Payment Gateway:** Integrate PayPal, AliPay, and other payment methods by third-party API, and provide universal API for internal services.
- **Notifications:** Services for sending email, SMS, and in-app notifications, involved in features such as queuing, rate limiting, and error handling.
- **CDN Extension:** Customize 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 to provide GraphQL API for mobile applications.
- **Recommendations:** Service for user and content recommendation, it worked on both offline data analysis and online serving.
- **Mobile Apps:** Participate in the development of mobile applications with React Native.

Shanghai Dianda Information Technology Apr 2018 - Aug 2018  
*Backend Engineer* Shanghai, CN

- **Team Management:** Lead the team that included 5 engineers to create server-side service of the supply chain system that was implemented by Node.js.
- **Refactor and Optimization:** Migrate Node.js 0.10 services to Node.js 8, and optimize MySQL queries to stabilize the APIs.

Pinming Technology Co Ltd. May 2017 - Nov 2017  
*Software Development Engineer* Hangzhou, CN

- **BIM Software:** Participate the development of the 3D modeling BIM software based on C++/C#, WPF, and Autodesk Revit SDK.
- **Model Generation:** Parse data from the 2D CAD file, and generate 3D models with the parsed data and pre-defined parameters.
- **Data Persistence:** Persist the structured model data to SQLite, and share to the CAD software.

## PROJECTS

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Kashly Short Link Service [kashly.net](http://kashly.net)

- Short link service based on LCG and Base62 algorithms. Also worked on collecting and analyzing click data to provide daily statistics.

FlashGiftCard [flashgiftcard.com](http://flashgiftcard.com)

- Services for e-gift cards online shop, worked on order, payment, and authorization services.

DVM [github.com/ghosind/dvm](https://github.com/ghosind/dvm)

- Open source Deno version manager for Linux/MacOS implemented by ShellScript.