Xinjiang Shao – 邵新江

Technology Thinker, Food Lover, and Practical Mediator

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EXPERIENCE

Peapod Digital Labs, Chicago, IL — *Principal Software Engineer*

January 2022 - PRESENT

- Develop proof of concepts for technology innovation including GraphQL
- Serve as Subject Matter Export(SME) for consumer-facing application and on call for level 3 support
- Engage in architecture reviews to ensure new designs and integrations meet engineering standards.
- Host bi-weekly technical design conversations and ad-hoc technical discussions for resolving existing issues and validate new designs
- Promote cross-functional team collaborations, and work closely with product, merchant, operation, and support teams to estimate effort, schedule for projects, and complete with pre-determined specifications, and quality standards

Peapod Digital Labs, Chicago, IL — *Senior Software Engineer*

January 2019 - December 2021

- Modernize the consumer-facing applications to support a multi-tenant environment which drives billion-dollar online transactions annually. This is the eCommerce engine for all Ahold Delhaize retail brands - Peapod, Stop & Shop, Giant Food, Giant Food Stores, Giant Martin's, Food Lion, and Hannaford.
- Lead migration from AngularJS to VueJS to support modern front-end architecture.
- Mentor junior developers to grow and understand the industry's best practices and analyze the pros and cons of engineering choices.

Peapod, Chicago, IL — Software Engineer

January 2017 - December 2019

- Work on the AngularJS-based Single Page Application and migrate to more component-based architecture for the front-end.
- Develop the most essential eCommerce features to support business growth, e.g., order process tracking, buy more save more

SKILLS

Agile Development

Front-end Single Page Application with VueJS, AngularJS

Back-end Service Orchestration, and ReST Full API Design

GraphQL

AWARDS

Stevie Awards for Revamped Mobile Peapod App in Online Shopping Category

Winner of the First Annual Competition: "The Excellent Mobile App" Issued by The Department of Computer Science at the University of Illinois at Chicago · Jul 2014

LANGUAGES

English, Chinese Mandarin

promotions, batch add to cart, unattended delivery with slot filtering, etc.
- Support A/B tests effort with Optimizely and Google Experiments for improving site usability, better user experience.
- Advocat best practices in a modern context to achieve better UX, performance, and accessibility.
- Conduct code reviews regularly.
- Organize hack night events to encourage sharing and collaboration across different departments

Exact Sports, Chicago, IL — Full Stack Software Engineer
December 2011 - December 2016

- Develop a set of online psychological profiling applications for young athletes and college coaches. The same set of tools is also used by MLB, NHL, and US Soccer prospects annually to prospect elevation. The web applications are responsively designed with Bootstrap as a CSS framework.
- Build an in-house camp registration platform for payments (Stripe and Paypal API integration), camper evaluation, and camp management (Zikula and Laravel-based applications with MongoDB and MySQL as Databases)
- Establish a couple of smaller services for supporting the main camp platform including Geo-IP Reverse lookup service, URL Shortening Service (http://prephe.ro), User Lookup Service, Mass Email Sending Service, etc.
- Prototype an iOS application for capturing and storing short athletic highlight video clips, stored assets in AWS S3, and integrate with the main application via ReSTful APIs.
- Migrate all our services to AWS to serve 65k+ users and improve server response time from 3s to 400ms

EDUCATION

University of Illinois at Chicago, Chicago, IL — *M.S., Computer Science*
August 2011 - May 2013

Dalian Polytechnic University, Dalian, China — *B.S., Information and Computing Science*
August 2007 - May 2011