Ishank Tandon

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https://ishanktandon.com

(716) 544-8003

skills and tech

Currently working with: Java, Go, Microservices, AWS, Kafka, Docker, SQL

Proficient: Scala, REST, Design Patterns, Redis, Microservices, SQL

Past experience: JavaScript, Node.js, React, Python, ElasticSearch, Firebase, A/B Testing, Objective-C, Swift, Angular, Next.js, Kubernetes

education

Rose-Hulman Institute of Technology, Terre Haute, IN
B.S in Computer Science and Minor in Mathematics, May 2017

Relevant knowledge: distributed systems, algorithms, design patterns, computational theory, computer security, databases (sql/nosql), data structures, computer networks

internships

Software Engineer, Test, Intern @ Interactive Intelligence
June 2015 – August 2015

Software Engineer, Intern @ Rose-Hulman Ventures
October 2014 – May 2016

Software Engineer, Intern @ Level Up Development
June 2016 – October 2016

experiences

Sr. Software Engineer – Care.com
March 2023 – Present
https://www.care.com

Software Engineer – Metropolis
June 2022 – January 2023
https://metropolis.io

Sr. Software Engineer – Angi / Angie's List
May 2018 – May 2022
https://www.angi.com

projects

- Integrated Canadian phone numbers and license plates into the platform
  - Worked with the Customer and Design team to add support for users commuting to the US from Canada for business or pleasure
- Added Promo codes to the platform
  - Worked with Customer, QA, Data/Analytics, Growth/Marketing, and Design team to add Promotional Code discounts using a third party to allow Growth/Marketing to target users for campaigns (ex: $10 off next visit if you sign up)
- Added core Redis client to the platform
  - Built a Redis cache wrapper and client exposing basic cache operations and hiding the implementation details under an abstracted interface to allow swapping the client without impacting usages elsewhere
- Project One; Rebrand to Angi:
  - Updated Styleguide (css and component library shared across all apps) with Angi rebranded fonts, styles, and components
  - Rebranded transactional comms emails with Angi assets
  - Addressed security bugs introduced as part of user linking between brands
- Drupal to Contentful Migration:
  - Exported flattened data of a legacy drupal system into a new headless CMS by building data models and APIs
  - Created new system within the architecture using GraphQL, bounded contexts, gateways, Elasticsearch, and Next.js to move to a modern scalable framework
- Ad Platform; new Advertising engine:
  - Worked with staff and senior engineers to add a new Ad Platform to deliver more value and create a better experience for service providers
  - Created a new hierarchy of categories for advertising agreement sales
  - Built category and keyword search APIs within the architecture using Scala, Elasticsearch, and React
- Implemented and maintained scheduled ETL jobs cumulatively handling hundreds of gigabytes and billions of rows of data
- Implemented a Redis cache blaster job to optimize caching performance
- Architected and built an Elasticsearch index and services used by multiple teams to store editorial content and provide a better search experience and increase page performance
- Upgraded monorepo from Scala 2.12 to 2.13 and updated compiler and build settings reducing time to build and compile by ~15-20%