

Ashutosh Jainvi

Full Stack Developer

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EXPERIENCE

Designer Brands, Columbus, Ohio | *Senior Cloud Solutions Engineer*

OCTOBER 2020 - PRESENT | www.dsw.com

- Developed a backup web app in 48 hours for fulfilling store orders during a third-party app outage.
- Implemented a real-time inventory update service to change a periodic 4-hour product inventory update to anytime an inventory changes.

DSW Inc, Columbus, Ohio | *Mid-level UI Engineer*

AUGUST 2017 - OCTOBER 2020 | www.dsw.com

- Improved website's (lighthouse) performance score from **4 to 27** by decreasing JS bundle size & JS execution time.
- Used **Angular 9** with TypeScript & RxJS for event handling.
- Integrated **A/B testing** in DSW code base.
- Implemented **continuous integration & delivery** using Bamboo & JIRA.

DSW Inc, Columbus, Ohio | *Intern - Front-end Developer*

MAY - JULY 2017 | www.dsw.com

- Used Angular 1.6, HTML5, SASS, JavaScript, Gulp, Stash, and JIRA.
- Decreased angular \$watchers by 30% on homepage to improve user interaction.
- Decreased UI bugs by implementing the E2E testing framework.

Software Incubator | *Web Developer & Designer*

SEPTEMBER 2013 - MAY 2016 | www.silive.in

- Worked as student engineer to design and develop UI.
- Used HTML5, CSS3, JavaScript, JQuery, and Photoshop.
- Launched 5 websites and a web-based game with 1000+ users.

EDUCATION

University at Buffalo | State University of NY, Buffalo

— *M.S. in Computer Science* | **AUGUST 2016 - DECEMBER 2017**

Uttar Pradesh Technical University | Lucknow, India

— *B.Tech. in Information Technology* | **JULY 2012 - JUNE 2016**

PROJECTS

Real-time Inventory Update | Cloud Pub/Sub

JANUARY 2021 | DSW Inc.

Implemented a subscription based service using NATS to allow posting real time inventory updates to a third party product recommendation service.

— *Technologies used: NodeJS, Express, Docker, K8s, NATS.*

Pick Pack Ship | Web App

OCTOBER 2020 | DSW Inc.

Developed an in-house web app from scratch in less than 48 hours using REST APIs that allowed store employees to fulfill ship-to-store orders when a dedicated third party app was not functional.

— *Technologies used: React with Axios, Bootstrap.*

LINKS

Linkedin: [/ashujainvi](#)

Github: [/ashujainvi](#)

Portfolio: www.ashutoshjainvi.com

COURSEWORK

Graduate:

- Machine Learning
- Data Intensive Computing
- Analysis of Algorithms
- Computer Security

Undergraduate:

- Design and Analysis of Algorithms
- Object Oriented Programming in C++
- Database Management System

SKILLS

Development:

- JavaScript - jQuery - RxJS - NgXS - Redux -
- AngularJS - Angular 9 - TypeScript - React -
- Node.js - Express - Firebase - GCP -
- Docker - Kubernetes - Azure Pipelines -
- HTML - Pug - CSS - SASS - Bootstrap -
- Python - R -

Tools & Services:

- NPM - Bower - Gulp - Webpack -
- Wordpress - Tableau - Protractor -
- Jasmine (E2E testing) - Karma -
- JSON - XHR - RESTful API -
- Git - Azure DevOps -
- JIRA (+ JIRA API) - Bamboo -
- Adobe Target - Tealium -

Design:

- Adobe Photoshop - Illustrator -
- Zeplin - Figma -

AWARDS & CO-CURRICULAR

- **Publication:** "Cryptography - Off the record method" - IFERP, 2015

- **Awarded** "Top 3 mentor" tag at [HACK](#)

[OH/IO 2018](#).

- Volunteer at "We Commit" NGO, India

PROJECTS

Bamboo-JIRA Integration | Continuous Integration & delivery

JUNE 2019 | DSW Inc.

Automated Bamboo deployment plans to trigger on code merge which then sent an email regarding all JIRA cards that were deployed and moved cards to QA using the JIRA API.

— *Technologies used: Node.js with JIRA API, Bamboo, Pug.*

A/B Test Implementation | Custom Integration with 3rd party

OCTOBER 2018 | DSW Inc.

Implemented custom A/B test architecture for DSW.com by getting test IDs from Adobe Target and manually manipulating data based on cookies in the DSW codebase to show different experiences.

— *Technologies used: Adobe Target, JavaScript, AngularJS.*

Braintree Payments | Web Payment Integration

JULY 2018 | DSW Inc.

Integrated Apple, Google and Venmo Pay on DSW.com to enhance user checkout experience to enable alternate payment methods using Braintree JS v3 SDK.

— *Technologies used: JavaScript (ES6), AngularJS.*

E2E Testing Implementation | Testing Suite

JUNE 2017 | DSW Inc.

Built an e2e testing environment using Protractor (Jasmine 2) for the UI team to test AngularJS functionalities before code merge and to generate html error reports.

— *Technologies used: JavaScript, Protractor, Jasmine 2.*

Angular Upgrade | Framework Upgrade

NOVEMBER 2019 - March 2020 | DSW Inc.

Migrated DSW code base from AngularJS (1.6) to Angular 9 using TypeScript and RxJS. Used NGXS for state management.

— *Technologies used: Angular 9, TypeScript, Angular CLI, RxJS, NGXS.*

Designerbrands.io | Web Development - Blog

ONGOING | DSW Inc.

Working on a self-motivated project at DSW (Designer Brands). Building a blogging and information platform for Designer Brands (designerbrands.io), similar to airbnb.io or engineering.linkedin.com

— *Technologies used: HTML, CSS, Wordpress, PHP.*

Accessibility on DSW.com | Web Standards

APRIL 2018 | DSW Inc.

Worked on making DSW.com more "web accessible" according to WCAG 2.0 AA standards by using ARIA attributes for better HTML accessibility, custom JavaScript for better tabbing (reading order) and element focus, and CSS for adding color contrast to text and background.

— *Technologies used: JavaScript, HTML, SCSS.*

Ashutoshjainvi.com | Web Development

DECEMBER 2016 | Personal Portfolio - www.ashutoshjainvi.com

Personal portfolio to showcase all projects and hobbies.

— *Technologies used: JavaScript, HTML, SCSS, Gulp4, Photoshop.*