

# Ashutosh Devkota

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## Summary

- Front-end-focused full stack software developer.
- Experienced in Angular, React, Node, Express, JavaScript, TypeScript, HTML, CSS.
- Experience consuming/writing REST api, consuming GraphQL api.
- Open to learning any languages/frameworks as needed.
- Experience working with/leading nearshore resources.
- Certified AWS Architect Associate

## Skills:

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|---|-----------------------|
| ▪ React, Redux, Relay, and related ecosystem  | ▪ Angular             |
| ▪ JavaScript/ES6  | ▪ Node/express        |
| ▪ Html/Html5  | ▪ CSS/Sass            |
| ▪ Jasmine/Chai/Mocha/Karma/Jest   | ▪ Protractor/Cucumber |
| ▪ Also familiar with python, Java, C#, GraphQL, containers, cloud infrastructure, sysadmin stuff, etc |                       |

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## Professional Experience

### Backstop Solutions Inc | March 2023 - Current

#### Software Engineer

IntellIX is focused on automating communication in the institutional investment community. I joined IntellIX team as a front-end engineer and have taken up ux responsibilities as needed.

- Upgraded angular from v5 to v15
- Refactored site-wide alerts to make it more debuggable and maintainable.
- Proposed new design using miro for an existing page to accommodate new functionalities.
- Conducted usability study of the said design, and then built the page once it was approved
- Progressively added unit tests to the project

**Technologies Used:** Git, Angular (15), typescript, and related libraries.

### Stacklet | May 2020 - NOV 2022

#### Software Engineer II

I started working at Stacklet as a part of a dedicated front-end team, which was later split and made part of two separate scrum teams. We built products that helps companies manage their cloud assets better by building on top of Cloud Custodian.

- Implemented the front-end parts of a notification system where an admin could set up multiple channels (slack, email, etc) and any user could then configure how they would like to be notified when certain events happened.
- Built internal component library using Storybook and used the storybook components to then build out the application.
- Built multiple dashboards using reusable components.
- Implemented RBAC for admin and non admin sections.
- Maintained a >90% unit test coverage using react testing library.
- Became AWS certified architect- associate to fulfill company needs.

**Technologies Used:** React, Relay, react-testing-library, GraphQL, Git, related libraries.

## **Pampered Chef | July 2017 – May 2020**

### **Senior Software Engineer**

Over time at Pampered Chef, have been part of the KPI team at Pampered Chef. Goal has been to make it easy for a consultant to run their business on a phone. Have architected, designed and developed solutions to meet business goal in time and in budget. Have also mentored junior developers on all things front end as well as JavaScript in general. Full stack JS/TS experience.

- Designed and developed Consultant Product Catalog, a React PWA that can be used completely offline. Business had a need to make our product catalog available to consultants when they did not have network connection.
- Delivered a solution that uses React, service workers, indexed DB, node/express and S3. Once installed, the app lets users browse or search for our entire catalog even when they are offline.
- Also built a server-side application that the web app can talk to in order to check for updates to the data or requesting new data that was deployed to EC2. (This project combined with the mobile friendly cart below will also allow us to completely sunset the native mobile app still maintain saving business an estimated 2 million dollars in maintenance cost.)
- Converted existing party cart into a mobile friendly version with close collaboration with UX and PO. Business wanted consultants to be able to use the party cart in their mobile devices as a stopgap measure until we release a new, fully mobile first party cart.
- Able to work with our PO one-on-one and deliver a solution in about 6 weeks (end to end). Re-wrote the CSS, and updated HTML where needed without changing any of the underlying logic of the current cart, confirmation and summary pages that was written in Hybris.
- Drove the development and adoption of consultant's corner - an angular SPA that uses modular build and route based lazy loading. UX and business wanted one seamless experience for consultants regardless of what tool they use within the PC ecosystem.
- Designed a lazy-loaded, modular, component driven angular application. Also developed the initial application and once we had our team's 2 pieces running smoothly, other teams also started adopting this project.
- Currently, all 5 engineering teams are contributing to this project in some capacity. Also adopted a feature-flags and trunk-based branching. All these decisions were made to save business money by cutting down on the engineering time and effort to build, deploy, maintain each page as its own application while giving each team the freedom to develop at their own pace and priority.
- Developed various server-side node/express apps to support client-side applications. Adopting the client-server architecture, which means that all of our new web applications communicate with one or more node applications.
- These applications are written in typescript, node/express, and related libraries. The interaction between the applications mostly follows REST pattern using HTTP(S), but we are also currently developing one major application that uses web sockets along with HTTP(S). For server-side applications, we mostly use Jasmine and Karma for unit testing.

**Technologies Used:** AWS, mongo dB, Git, Angular (8), React/Redux, service-workers, Indexed DB, node/express, typescript, Jasmine, Jest, Protractor, Cucumber, and related libraries.

## **RR Donnelly | August 2015 - July 2017**

### **Senior UI Developer**

#### **Responsibilities:**

- Worked on RRD Care, a project primarily targeted towards healthcare companies to help them with proofing and collaboration, and visibility to orders in production.
- Responsible for building parts of and maintaining the RRD Care application using AngularJS, D3, Karma, Mocha, Chai, and Sinon.
- Increased the code coverage to above 75%, advocated git best practices, implemented and maintained a living style guide.

**Technologies Used:** AngularJS, Jasmine, Protractor, Gulp, Mocha, Chai, Sinon, Karma, ES6, Git

## **Follett Software | January 2014 - May 2015**

### **UI Developer**

#### **Responsibilities:**

- Worked extensively with AngularJS in multiple projects, including implementation of eBook and Audiobook reader, admin panel and library home pages.

**Technologies Used:** AngularJS, Jasmine, Protractor, Karma, SVN

## **Alchemy Communications Inc | July 2012 - January 2014**

### **UI Programmer**

#### **Responsibilities:**

- Responsible for website user interface development, Developed the presentation layer using HTML5 and CSS per internal standards and guidelines, including client-side validation and client-server communication using JSON over HTTP

## **Education**

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### **Master of Science, Computer Science, December 2019**

Georgia Tech

Graduated with a GPA of 4.0

### **Bachelor of Science, Computer Science, June 2012**

UC | San Diego