

Employment

Software Development Engineer **Amazon.com, Inc.** **July 2019 - Present**

- **Alexa Identity Services - Kotlin and AWS (April 2020 - Present)**
 - Working with the Alexa Identity Services team which helps users to onboard to Alexa.
 - Resolved stale lock issue in a high volume service which reduced the time from 1hr to few seconds for users to retry again for same data.
 - Implemented a DSAR common library which can be reused for any services using AWS SQS, AWS S3 and AWS SNS to perform DSAR requests on the data.
 - Improved infrastructure by adding Integration tests to approval workflow and thus making our services full CD.
- **Kindle Content India Test Prep. - React JS and Java (July 2019 - April 2020)**
 - Worked with the JEE Ready web-app team which offers a rich JEE test taking experience for the students.
 - Wired the exiting back-end for the complete web-app and developed test listing page(one of 3 major pages of the web app) and profile section of the student.
 - Completely owned and delivered Unscheduled tests(Part, Full and Chapter) in the Web App.
 - Designed the back-end and developed Pause and Resume functionality in the Web and mobile app which allows user to pause the timer for an unscheduled JEE test and continue it later.
 - Brought in support to ingest, audit and publish the JEE Advanced type of questions in the content tool which helps in bringing JEE Advanced support to web and mobile app.

Software Engineer, Intern **Amazon.com, Inc.** **Jan 2019 - Jun 2019**

Kindle Content India Test Prep. - React JS and Java

- Worked with the Content Ingestion and Curation Team which is responsible for uploading, parsing, auditing and releasing the content for JEE Ready App.
- Integrated CK Editor which enabled content editing and support for images and mathematical equations in the tool.
- Brought in question metadata editing feature which reduced average handling time by avoiding re-ingestion of content.
- Brought in metadata editing feature for each step of the solution, thereby enabling automatic detection of question's metadata which reduced manual efforts.

Software Engineer, Intern **Amazon.com, Inc.** **May 2018 - July 2018**

Kindle Content Team - ExtendScript

- Worked with the tool which is used in Adobe InDesign and PageMaker to export STEM books in Kindle format.
- Made books more interactive by adding footnotes functionality for the STEM books and linking them with the appropriate source in the page.

Key Achievements

- **IEEEExtreme 12.0 (2018):** Placed 5th in India (top 0.2%) and 83rd in the World (top 2%), a 24 hour coding contest conducted by IEEE.
- **IEEEExtreme 11.0 (2017):** Placed 3rd in India (top 0.3%) and 101st in the World (top 3%)
- **ACM ICPC Asia Amritapuri Onsite Round (2017):** Placed 31st out of 255 teams
- **ACM ICPC Kolkata Kanpur Onsite Round (2017):** Placed 34th out of 160 teams
- **ACM ICPC Asia Amritapuri Onsite Round(2018):** Placed 105th out of 270 teams

Side Projects

Leetcode Helper Browser Extension

- Bring in the ratings of the problems on Leetcode website in the problem listing area so that user can decide on whether to try out that problem based on the up-votes or down-votes of the specific problem.
- Used AWS DJS job which runs every day to fetch the ratings for all the problems and update the results to AWS S3 bucket.