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Employment

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

- **Alexa Identity Services(AIS) - Kotlin and AWS (April 2020 - Present)**
  - Single point of contact for Alexa Together backing services in AIS which was a VP level goal for Alexa in 2021.

  - Worked on high level and low level design for Alexa Together which involves orchestration between 5 different services across different teams.

  - Completely owned high level and low level design to develop a generic reminder handling framework which is being used for Alexa Together program to remind the ageing person to act upon the Invitation sent by their loved ones.

  - Designed database schema from scratch for Alexa User Management Service which allows management of Alexa for Business users at scale.

  - Designed high level and low level design for User Pool creation in Alexa User Management Service which allows in encapsulation of Users within an Organization into a single group. This involved orchestration of data across 7 different large scaled Amazon Identity Services across teams(services managing users in Amazon retail site).

- **Kindle Content India Test Prep. - React JS and Java (July 2019 - April 2020)**
  - Early member of the Amazon Academy web-app team which offers a rich test taking experience for competitive exams like JEE Mains, JEE Advanced and NEET.

  - Completely owned the backend for the initial launch of the web app in 2019 and delivered unscheduled tests(part, full and chapter tests) in the web-app which allows users to take timed tests at their ease.

  - 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 test and continue it later at their ease.

  - Brought in support to ingest, audit and publish the JEE Advanced type of questions in the content tool which helped in bringing JEE Advanced support to web and mobile app.

Key Achievements

- **Alexa Identity Services Quarterly Awards(2021):** Got the Q3'2021 quarterly awards for coming up with a generic way to handle multiple reminder feature which accommodated last minute change in product team's requirement and helped in deliver the feature to the customer a month prior(refer point 3 in the employment section).

- **CCube Hackathon(2020):** Placed 5th out of 73 teams, hackathon conducted with an open theme across Amazon employees. Implemented a word highligter feature in Kindle which highlights the words spoken by the instructor in the e-reader. This would help kids to follow through the words in the text book without having to search for them. This feature also forms a network among instructor and the students and the instructor can control everyone's device remotely.

- **ACM ICPC Asia Amritapuri Onsite Round(2018):** Placed 105th out of 270 teams

- **IEEExtreme 12.0 (2018):** Placed 5th in India (top 0.2%) and 83rd in the World (top 2%)

- **IEEExtreme 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