

ANUJ PRATAP SINGH YADAV

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Skills

- C++ | C# | Java | JavaScript | TypeScript | C | SQL | Node | ReactJs | jQuery | NoSQL | Git
- CI/CD | Unit Testing | OOP | Azure EventHubs
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack

Experience

Software Development Engineer II (L62) Microsoft Noida, INDIA 05/2021 - Present

- **Catalog Filtering to construct upgradable purchasable plans for OneDrive consumer.**
Shield and Improve Reliability of Upgrade API from updated/newly added catalogs by M\$ Commerce Team.
Developed the design and Implemented filtering to refine reliability of Upgrade API.
- **Designed Video Playback Component for inserted Stream 2.0 video in Excel and stored on OneDrive and Sharepoint**
Created a web component using SDX and Integrated OnePlayer to play online videos after authentication. Handled interacts with other services for authentication and retrieving OnePlayer environment to host the video.
- **Create Explainer Videos using Recording Studio in Powerpoint Win 32 App**
Revamping of Recording Studio UI in PowerPoint and Create flow for Explainer Videos
Created new control buttons and functionality for camera modes, added functionality to Blur the camera background in user live feed.
Improved navigation to Export video from recording screen.
- **Led the automation crew for v1 release of Explainer Videos using Recording Studio in PowerPoint Win32 App.**
Gathered knowledge of writing test cases and executing in system and shared with team to keep our feature away from regressions.
Created Plans for test driven development for features and contributed to keeping features in healthy state.
- Enriched system metrics by integrating the features with telemetry; facilitated in-depth logging for Explainer Videos Recording and Export events.

Member Of Technical Staff 2 Adobe Noida, INDIA 08/2015 - 04/2021

- **Support Mathematical Expressions & Equations in AEM Docx Web Editor**
Added MathML library support for customers to create math expressions & equations and insert in the DITA document as a SVG Image.
- **Supporting user-based profiles to update AEM Docx Web Editor UI**
Designed and Implemented the APIs to provide customers the functionality to upload user-based profile configs and honoring their preferences in Web Editor.
- **Improving performance for very large files where customer reported Freezing/Slowness in Web Editor**
Designed and Implemented the lazy loading for files in Web Editor, which resulted in 60% reduction in overall loading time.
- **Developed ColorPop feature in Photoshop Element (PSE) for Editing Picture and Support Auto Creations also**
Illuminate the important Object by making all other objects black and white.
Designed and implemented the feature using Photoshop Engine by cropping out the object to be highlighted and also created a AutoCreation so that it will recognize the images suitable for applying ColorPop on basis of configuration and push notification to users after successful creation.
- **Migrated Elements from RIBS to Hyperdrive**
Redesigned the CI/CD pipelines to use Hyperdrive to create new executables having Hyperdrive environment.
Elements Product Installation time on users system significantly reduced by 50% on average.

Education

B.Tech (Computer Science) Maulana Azad National Institute of Technology (NIT) Bhopal, MP, INDIA 06/2011 - 05/2015
GPA (8.27/10)

Achievements and Awards

- **Spot Award** : Received for Outstanding work in Elements Team for Migrating to hyperdrive (04/2018)
- **Ranked 1st in Knight Coders in TechnoSearch (2012)**
- **Ranked 3rd in Code Pokers Held in TechnoSearch (2012)**
- **Maximum Rated 1974 on [Codechef](#) (Handle: newcoderr)**
- **Maximum Rated 1693 on [Codeforces](#) (Handle: newcoderr)**

Hobbies and Interest

- Competitive programming, Cricket, Football, Chess