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 for Upgradable Plans in OneDrive**
  Shield and Improve Reliability of UpgradeOptions API from newly added, overridden catalogs by M$ Commerce Team.
  Developed the design and Implemented catalog filtering to refine reliability of UpgradeOptions API to create upgradeable purchase plans
  It protects customers from purchasing unreliable plans.
- **Stream 2.0 Video playback in Excel**
  Designed and developed the video component for inserted Stream 2.0 video in Excel and stored on OneDrive & Sharepoint. Collaborated with multiple partner teams for designing as Playback interacts with multiple services (OnePlayer, Hubble etc).
  It enables support for inserting and playing an online video in excel for the first time.
- **Explainer Videos in PowerPoint**
  Revamping of Recording Studio UI in PowerPoint win32 and create new 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.
  Enables user to create Explainer Videos for the PPT Slides and create self-explanatory PPT files with videos on slides.
- **Automation Explainer Videos in PowerPoint**
  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 PPT 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 document as a SVG Image.
  Enables and attracts customers working on Math Documents to use Web Editor.
- **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.
  It Enabled customers to configure the Editor UI according to their organization needs and requirements.
- **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.
- **ColorPop in Photoshop Element**
  Edit a picture by illuminating the important Object by keeping it colored and making all other objects black and white.
  Designed and implemented the feature using Photoshop Engine by cropping out the object to be highlighted and created Auto Creation running in background to 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 create new executables having Hyperdrive environment. Created independent bundles for parallelization.
  Elements Product Installation time on system significantly reduced by 50% on average.

Education

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

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