

# ANUJ PRATAP SINGH YADAV

[in LinkedIn](#) | [9752373677](tel:9752373677) | [yadav.anuj.singh@gmail.com](mailto:yadav.anuj.singh@gmail.com)

## Skills

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- 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

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### Software Development Engineer II (L62)

Microsoft

Noida, INDIA

05/2021 - Present

- **Planned the design of Catalog Filtering to construct upgradable purchasable plans for OneDrive consumer.**  
Shield and Improve Reliability of Upgrade API from updated/newly added catalogs by MS 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 (powerpoint slides).
- **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

02/2017 - 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 (PSE, PRE)

### Member Of Technical Staff

Adobe

Noida, INDIA

08/2015 - 01/2017

- Designed CI/CD pipelines for Elements product
- Designed CI/CD pipelines for Elements product  
Designed and created CI/CD pipelines for Photoshop Elements and Premiere Elements.
- **Reported directly to CPO:** Engineering lead for designing and developing the fintech transaction dashboard that provides a rich visual summary of daily user purchase patterns powered by [Google Chart](#). Used by the board of directors in the decision-making process.

## Education

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### B.Tech

Maulana Azad National  
Institute of Technology (NIT)

Bhopal, MP, INDIA

06/2011 - 05/2015

- Major in Computer Science & Engineering

## Others

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- **Bronze Award:** Won 4th prize for the development of action game [SPIKE](#) at HAL Game Development Competition in Tokyo (03/2013)
- **Certificate of Japanese Language Proficiency N1:** The highest-level certificate of Japanese proficiency ([24.1%](#) Pass Rate) (02/2014)

## Hobbies and Interest

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- Competitive programming, Cricket, Football, Chess

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