Nikhil Kadyan

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Objective

To have an impact on organizations and society as a whole by using my technical and interpersonal skills to solve complex problems.

Skills

JavaScript, ReactJs, TypeScript, NodeJs, Git, Webpack, MongoDB, DynamoDB, Kinesis Stream, Athena, Amazon Web Services, Heroku, Vercel, Netlify.

Work Experience

1. **Engineering Lead** at DarkHorse (thedarkhorse.ai) | April 2023 - Present
   - Developed DarkHorse's analytic system to automatically find and showcase best moments of athlete's career.
   - Responsible for developing and maintaining DarkHorse API web server created in NodeJS and backend data migration & aggregations.
   - Designed and developed online video editor to create, edit & combine the highlight clips into reels which can be shared on fly without any processing time, this was created with in-house video player with HLS.

2. **Software Engineer** at Firminiq System Pvt. Ltd | June 2021 - Mar 2023
   - Developed high scale backend for suite of healthcare products for OMRON, providing seamless health management for patient and their loved ones.
   - Responsible for developing and maintaining server less lambda functions, developed in NodeJS with AWS lambda service.
   - Designed and developed custom OAuth solution for all third parties, creating reports for patient based on their personal data & comparing them against aggregated data more than 10M user.
   - Created a highly scaled DB architecture with combination of DynamoDB, Kinesis Stream, Athena and S3.

3. **Software Engineer** at Precisely | June 2020 - May 2021
   - Developed Precisely's web platform to provide a platform of opportunities to youth worldwide.
   - Designed and developed a prototype video conference module for students and their mentor to connect and share ideas over variety of subjects.
   - Responsible for managing EC2 servers and domain management with Route53 and certificate management.
   - Designed responsive UI and modular components for the application which is both scalable and adaptable across devices.

Education

1. B.Tech in Computer Science and Engineering
   NC College Of Engineering | 2018 - 2022

2. Senior Secondary — Non Medical, CBSE AISSCE
   St. Mary's convent Sr. Sec. school, Panipat | 2018

Personal Projects

Real time communication web app
- Built a progressive web app (PWA) that facilitates real-time communication between users, leveraging the power of web push notifications and WebSockets technology.
- Ensured the app functioned seamlessly on various devices, offering an experience similar to native mobile applications.

Web based video editor with HLS
- Developed a cloud-based video editing platform that enables users to edit and export videos directly in their web browser.
- Implemented HLS (HTTP Live Streaming) technology for efficient video streaming and playback, ensuring a smooth user experience across various devices and internet connections.