DEBARGHYA MONDAL

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WORK EXPERIENCE

Frontend Developer   Oct 2021 - Present
Degpeg media and technologies pvt ltd   *Bengaluru, IN*

- Produced structured, secure, and tested codebase for over three products, utilizing **JavaScript** and **Angular**.
- Developed and integrated components within the product dashboard, facilitating effortless streaming across social media platforms and plugins like Stripe, Shopify, Chart.js, Mogi.io, and more.
- Solely developed 1:1 SDK utilizing libraries like Peer.js, Socket.IO, and RxJS, for one-to-one video interactions.
- Implemented REST API services on the client side post thorough CRUD operation testing tool (e.g.:**Postman**).
- Leveraged Web API services such as Push Notification, Web Storage, Geolocation, AudioContext, WebRTC, MediaRecorder, MediaStream, and Canvas to create interactive user experiences.
- Implemented common security patterns(e.g.:**JWT**) and performance patterns (e.g.:**Lazy Loading**).
- Well-versed in in Software Development Life Cycle (SDLC), Agile methodology, Version Control System (**GIT**), and Defect Tracking Tool (**Jira**).

Frontend Intern   Nov 2020 - Feb 2021
ClearExam pvt ltd   *Delhi, IN*

- Learned the extensive development and testing and get familiar with the various **Leadership Principles**.
- Involved in ux discussion and collaborate with frontend team to develop integration that are secured and efficient.
- Got hands on experience on **React, Javascript, HTML, CSS**.

PROJECTS

Admin Dashboard: a dashboard to empower brands in effectively managing their content and product advertising efforts via live streaming or short videos on various social media platforms. It integrated data analytics to provide real-time insights into engagement, conversions, click-through rates, lead generation, and sales performance.

Live Tv SDK: a client-side SDK into a brand's website and mobile application. The primary objective was to enable live streaming of product advertisements and short videos showcasing various products. This allowed the brand to engage with its audience in real-time, enhancing its product marketing and customer engagement strategies.

1:1 Video SDK: developed to facilitate seamless communication and support across various applications and industries. This SDK caters to a wide range of use cases, including customer support, technician-engineer communication, and more. Key features are like real-time recording, call routing, participants management, call analytics.

TECHNICAL SKILLS

Languages	Javascript, Typescript
Web Development	Angular, React, HTML, CSS, Material UI
Tools	Git, Jira, Figma, Postman
Technology	Socket.IO, Peer.js, RxJS, RTMP, Rest API, Web API
Other	Data structure and Algorithm

EDUCATION

Bachelor of Engineering in Computer Science,   Aug 2017 - Jul 2021
MVJ College of Engineering (VTU)
Grade: 7.12CGPA