Debarghya MONDAL

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EXPERIENCE

Front-End Developer   Oct 2022 - Present
Degpeg Media & Technologies Pvt. Ltd, Bengaluru, India
- Developed secure and tested codebase for 5+ web products using JavaScript, Angular, and React ensuring structure and reliability.
- Integrated dashboard components, increasing streaming efficiency across multiple social media platforms and plugins (e.g., Stripe, Shopify, Chart.js, Mogi.io).
- Independently engineered a 1:1 SDK, leveraging libraries such as Peer.js, Socket.IO, and RxJS, for one-to-one video interactions.
- Increased user engagement using Web API services like Push Notification, Geolocation, and MediaRecorder.
- Implemented REST API services on the client side, conducting comprehensive CRUD operation testing with tools such as Postman, ensuring a 99% success rate.
- Implemented security through JWT implementation and improved performance via Lazy Loading techniques.
- Optimized development processes using SDLC, Agile, GIT, and Jira, boosting collaboration efficiency and enhancing deliverable quality.

Front-End Developer Intern   Nov 2020 - Feb 2021
ClearExam Pvt ltd, Delhi, India
- Gained proficiency in extensive development and testing processes while mastering a range of Leadership Principles.
- Boosted frontend project contributions through practical expertise in React, JavaScript, HTML, and CSS.
- Evaluated 10+ end-to-end designs for performance complexity, scalability, quality, and security.

PROJECTS

Admin Dashboard:
- Empowered brands to manage content and product advertising via live streaming on social media, integrating real-time data analytics for insights.

Live TV SDK:
- Developed and integrated a client-side SDK into a brand's website and mobile application to enhance brand engagement and marketing strategies.

1:1 Video SDK:
- Engineered for seamless 1:1 communication across industries, featuring real-time recording, call routing, participant management, and call analytics.

SKILLS

Programming languages: JavaScript, TypeScript
Web Development: Angular, React, HTML, Material UI, CSS
Tools: Git, Jira, Figma, Postman
Technologies: Socket.IO, Peer.js, RxJS, RTMP, Rest API, Web API

EDUCATION

Bachelor of Engineering - Computer Science   Aug 2017 - Jul 2021
MVJ College of Engineering, Bengaluru, India