Nasirul Ahmed

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EXPERIENCE

PIXENTECH PVT LTD | Software Engineer
May 2022 – Presesnt | Hyderabad, Telengana

- Developed and deployed scalable, modern web applications using MERN-stack, ensuring optimal performance, responsiveness and client satisfaction.
- Collaborated with cross-functional teams to deliver dynamic features, increased user engagement and retention.
- Enabling seamless communication between front- and back-end services in a distributed architecture. .
- Optimized application performance and code efficiency, significantly improving speed and resource utilization through best practices.
- Using cloud services for hosting and deployment, such as S3, EC2 and CloudFront, to enhance application performance and availability.

PROJECTS

AVIATORX | Multiplayer Crash Game

- Designed and implemented "AviatorX" a scalable multi player crash game, using Next.js, Node.js, and MongoDB, ensuring seamless performance and data handling.
- Integrated real-time communication through Socket.io and optimized data storage and retrieval with Redis, enhancing user engagement and game responsiveness.
- Developed and deployed the game using a microservices architecture, improving modularity, scalability, and maintainability of the back-end system.

REMOTE GAMING SERVER | Backend System

- Developed and optimized the Remote Gaming Server (RGS) using Node.js, built on a microservices architecture for scalable, data storage, distribution, and delivery.
- Handled all user data within the RGS, serving as a bridge between the game and the platform managing user balances to ensure accurate data flow and synchronization.
- Implemented efficient interservice communication with the Web socket and improved system performance with Redis caching by 30%.
- Collaborated with cross-functional teams to ensure seamless integration with various providers and platforms.

ONEPE | Bill Payment Services

- Developed a bill payment mobile application using Flutter.
- Integrated RazorPay payment gateway for secure and seamless transactions.

EDUCATION

NORTH EASTERN HILL UNIVERSITY
Bachelor of Technology in Information Technology
Dec 2020 | Meghalaya

SKILLS

MERN Stack Development
Microservices Architecture
Amazon Web Services(EC2, S3, Cloudfront)
Docker
Jenkins

COURSEWORK

System Design
Analysis of Algorithms
API Security

OTHER SKILLS

TypeScript
React-Native
Flutter
FireBase
Git
Postgress
NginX
MySQL

LINKS

Github:// **nasirul-ahmed**
LinkedIn:// **nasirul-ahmed**