Aakash Misra

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📍 Lucknow, India

🔖 gitlab.com/Aakash_Misra

⭕ github.com/aakashlko

⭘ medium.com/@tomatoaakash

SKILLS

Javascript	Node.js
React.js	
Redux Toolkit	
Python	MongoDB
MySQL	Postgres
Docker	Git
Shell/Linux	Nextjs

LANGUAGES

English
Native or Bilingual Proficiency

Hindi
Native or Bilingual Proficiency

EDUCATION

Master's in Mathematics and Computing
Indian Institute of Technology (Indian School of Mines), Dhanbad

07/2019 - 06/2021   *India*

Courses
- Coursework in Artificial Intelligence.
- Thesis work on Linear and Cyclic Codes in Finite Fields.

WORK EXPERIENCE

Software Developer
Talk Valley

10/2023 - Present   *Salt Lake City Utah, U.S (Remote)*

Achievements/Tasks
- Developed scalable Node.js microservices for master/controller architecture platform using an in-house message queueing framework.
- Developed interactive web applications using React for client-side rendering paired with Next.js for server-side rendering and static site generation.
- Migrated existing React codebase to Next.js to improve SEO and page load speeds through server-side rendering. Reduced initial page load from 8 sec to under 2 sec.
- Develop and maintain RESTful APIs. Also Integrated third-party APIs into web applications.
- Managed Node.js applications on Linux servers using PM2 process manager. Configured PM2 to run apps as daemons and set up load balancing across multiple server nodes.

Technical Content Writer - Freelancer
Geeks For Geeks

05/2020 - 05/2022

Achievements/Tasks
- Wrote Technical Content on emerging Technologies and Computational Programming.
- Seized a traffic of 100K+ active readers/learners.
- Link: https://auth.geeksforgeeks.org/user/misraaakash1998/articles.

PERSONAL PROJECTS

Cosmos Social Media App
- Stack Used: React.js, Next.js, Chakra UI, Recoil, and Firebase.
- Designed and implemented a social media app prototype that concatenates the features of Reddit and Facebook. Assembles all basic functionalities of a social media App including but not limited to authentication, post creation, and deletion.
- Configured and deployed the app on the cloud for scalability and cost-effectiveness. Link: https://cosmos-app-nu.vercel.app/ .

ACHIEVEMENTS

AIR 259, JAM 2019 (Mathematics)

Hacker Rank Skill Certification - Python(Basic and Intermediate, Rest API(Intermediate), JavaScript(Basic) and Node(Basic)

HackerRank Problem Solving - 6 stars

Completed Microsoft Build: DevOps Challenge 2023