Uttam Kumar Shaw

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- Backend & APIs: Node.js, Express.js, Fastify, GraphQL, REST APIs, Kafka, Redis, WebRTC, PeerJS, Socket.io, Microservices.
- Frontend & Databases: React.js, HTML, CSS, PostgreSQL, MySQL, MongoDB, SQL, NoSQL.
- DevOps & Cloud: Docker, Jenkins, PM2, Linux, Ubuntu, WSO2, AWS S3, CI/CD, Load Balancing, API Security
- Testing & Performance: Jest, JMeter, API Monitoring, Performance Testing, Unit Testing, Postman

Experience

Skills

Software Engineer	iClimb Sy <u>stems Ind</u> ia Pvt Ltd	Gurugram, IND	04/2024 - Present
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- Restored a non-functional scheduled reports service, improving data availability for 10000+ users after a one-year downtime. Led the development of dynamic features for custom PDF Excel, and CSV generation, Implemented the 'Custom Report' feature enabling JSON-based report creation with scheduling via Kafka.
- Implemented event management using Redis and Kafka for deduplication and delayed notifications, achieving 100% accuracy in merging duplicate linked incidents for customers, streamlining workflows and reducing redundant alerts.
- Designed and implemented API monitoring Feature to track consumer requests, usage patterns, and IP and Location activity, enabling dashboards that API management efficiency by 90%.
- Integrated SAML-based SSO with URL compression, Base64 encoding, and robust logout handling, resolving customer-specific issues.
- Managed Ubuntu servers, deploying and debugging code directly via terminal, and utilizing PM2 for process management, load balancing, and ensuring zero-downtime deployments across QA and pre-production environments.
- Delivered critical bug fixes across public dashboards, notification services, and event handling, resolving permission errors, notification inconsistencies, and event merging issues to enhance system reliability and user experience

Associate Software Engineer Frequent Research Fieldwork Solutions Pvt Ltd Delhi, IND 06/2023 - 04/2024

- Maintained and Optimized web platforms like Sampledge & Turn2Opinions, ensuring seamless functionality & implementing new features based upon requirements.
- Handled end-to-end Deployment Process, including pushing code to production servers, monitoring performance, and proactively resolving server-related issues.
- Developed dynamic, Custom Web Forms with advanced validations and tailored logic, meeting specific team requirements
- Designed and implemented an internal Leave Management System, enabling streamlined submission and tracking of employee leave requests.
- Lead the migration of a high-traffic research website from WordPress to React, significantly enhancing site performance, user experience and maintainability.
- Developed and Containerized application using Docker, ensuring consistent development environments and streamlined deployment process.

Full-Stack Web Developer Trainee

• Learned front-end development, data structures, and algorithms as part of the program. Specialized in backend development, focusing on Node.js, Express, server-side programming, system design, and databases like relational and non-relational. Also learned TypeScript, AWS, and React. Spent 1200 hours of actual coding in Masai School, building real-time web applications and solving over 800+ DSA problems. Spent 200 hours on holistic development, including teamwork, remote collaboration, and project contribution skills.

Masai School

Education

Full-Stack Web Developer Trainee

• Specialized in backend development, focusing on Node.js, Express, server-side programming, system design, and databases like relational and non-relational. Also learned TypeScript, AWS, and React

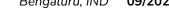
Binod Bihari Mahto Koyalanchal University **Bachelor of Arts in Economics**

• proficiency in statistical tools and software such as R, Excel, and SPSS. Additionally, I developed strong analytical and problem-solving skills through academic projects and internships focused on statistical analysis, data interpretation, and quantitative research.

Achievements & Awards

• FullStack Development: Link (05/2023)

Dhanbad, IND



Masai

Bengaluru, IND 09/2022 - 05/2023

Portfolio



Bengaluru, IND 06/2022 - 05/2023

08/2017 - 06/2020