



Uttam Kumar Shaw

 [LinkedIn](#) |

 [+917209408702](#) |

 uttamkr5599@gmail.com |

 [GitHub](#) |

 [Portfolio](#)

Skills

- **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

Software Engineer **iClimb Systems India Pvt Ltd** **Gurugram, IND** **04/2024 - Present**

- 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 **Masai** **Bengaluru, IND** **09/2022 - 05/2023**

- 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.

Education

Full-Stack Web Developer Trainee **Masai School** **Bengaluru, IND** **06/2022 - 05/2023**

- 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

Bachelor of Arts in Economics **Binod Bihari Mahto Koyalanchal University** **Dhanbad, IND** **08/2017 - 06/2020**

- 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)
- **HackerRank Certificates :** [Link](#)