

# MANISH BEHERA

Software Engineer with over 2 years of experience, delivering impactful results independently. Skilled in developing robust, well-documented applications and ensuring code quality through rigorous testing.

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## SKILLS

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- **Languages and Frameworks:** C++, JavaScript, TypeScript, Node.js, Express, HTML, CSS, Mocha, Jest
- **Databases and Messaging System:** MySQL, PostgreSQL, MongoDB, Redis, Kafka
- **Tools, Technologies, and Practices:** Docker, Jenkins, Git, Bitbucket, CI/CD, REST, GraphQL, Nginx, WebOS, Yocto, Sequelize, MVC, Microservices, Unit Testing, Agile, Scrum, Postman, Log Analysis

## WORK EXPERIENCE

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### LG Soft India

Research Engineer

February 2023–Present

- Enhanced and maintained the LG PC5S00R Node.js legacy product, featuring advanced HTML5 content management, intuitive UI editing, and scalable server administration for digital signage solutions in 100+ countries.
- Developed an external property management server for PC5S00R using Express.js, integrating with enterprise hotel systems, ensuring 99.9% uptime, managing 800+ digital signage displays, and streamlining workflows to enhance efficiency by 60%.
- Designed and implemented a PMS Validation Tool to optimize data synchronization accuracy, achieving 98% data validation with Joi.js and reducing discrepancies by 40%, improving system reliability.
- Optimized automated testing and CI/CD workflows using Jenkins, reducing deployment errors by 40% and cutting deployment time by 50%.
- Streamlined legacy Node.js codebases with a secure SSH-based logging feature, reducing debugging time by 30% and improving efficiency.
- Resolved 100+ high-impact field issues, enhanced code performance, and improved customer-reported metrics from Asia and Europe by 25%, elevating system stability and satisfaction.
- Monitored and improved system health and performance using the ELK Stack, Prometheus, and Grafana, implementing predictive maintenance measures to ensure 99.95% uptime.
- Upgraded WebOS applications from the Enact framework to React.js, enhancing performance and modernizing front-end architecture, increasing performance by 20%.

### Celebal technologies

Web Developer Intern

July 2022 - September 2022

- Coordinated and prioritized 8-10 assignments weekly, reducing project timelines by 25%
- Designed and developed responsive desktop web UIs, creating user-centric interfaces that increased engagement by 30%.
- Utilized Linux commands, database management, and Git in Windows and Linux environments, streamlining development processes and reducing errors by 15%.

## PROJECT

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### Baskety

E-commerce website with Stripe payment processing. Implemented user authentication with email validation and password reset. Used a NoSQL database, reducing data storage costs by 30% and simplifying interactions with ORM.

### Bloged

Blog website with file upload/download, real-time updates via WebSockets and Socket.IO, and GraphQL for efficient data fetching, reducing API requests by 50% and improving website performance.

## EDUCATION

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### Global Institute of Technology (RTU), Jaipur

B.Tech Computer Science Engineering - 8.91

August 2019 - June 2023