

MD ARIF KHAN MANIHAR

Software Engineer

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Linkedin | GitHub

EDUCATION

APS University

MCA Masters

CGPA: 9.26

Rewa(M.P.), India
May 2020 - August 2022

APS University

Computer Science Bachelors

Percentage: 74.42%

Rewa(M.P.), India
May 2017 - May 2020

EXPERIENCE

Comminent | Software Engineer

Bengaluru, India | November 2022 - Present

Microservices Development

- Developed and launched an efficient **UI management system** for API gateway requests; identified key bottlenecks leading to downtime in four critical services, ensuring uninterrupted functionality across internal applications.
- **Optimized system reliability** by reducing response time by 20% through improved request routing and response handling.
- **Engineered a high-performance real-time Socket-GUI Service using Socket.io**, enabling seamless bi-directional communication between NMS-GUI and backend microservices. This ensured **instant data synchronization**, improving system responsiveness and real-time analytics updates.
- **Optimized system performance by 20%** by eliminating unnecessary API dependencies and implementing an **event-driven architecture** with WebSockets, reducing latency and enhancing data transmission efficiency for a more scalable and robust infrastructure.

Company Website Development

- **Developed and Deployed** the official company website (www.comminent.com) using **Next.js**, optimizing performance and user experience.
- **Integrated an advanced analytics dashboard**, enabling data-driven growth strategies and boosting user engagement by 15%.

CI/CD Pipeline Automation

- **Automated CI/CD pipelines using Jenkins**, reducing manual effort by 40% and improving deployment efficiency.
- **Developed ST-EMNIC, ST-DCU, and Bootloader pipelines**, enabling seamless binary generation, storage in S3, and reducing manual errors.
- **Designed configurable pipelines** with form-based parameters, allowing tailored binary generation and **automated version bump-up**, ensuring consistency across repositories.
- **Implemented ST-DNMS, ST-DLMS, and ST-WiSUNSTACK pipelines**, optimizing version control across linked repositories and boosting team efficiency.

Zabbix Monitoring System

- Deployed and configured **Zabbix** to monitor all company servers, achieving 99.9% uptime through alerts and issue resolution.
- Enabled real-time **email notifications** for server issues, reducing incident response times by 30%.

SKILLS

Programming Languages:	Java, Javascript, Typescript, NodeJS, ExpressJS
Libraries/Frameworks:	Html, Css, Bootstrap, ReactJS, NextJS
Tools / Platforms:	Git, VS Code, Postman, Swagger, Jenkins, Zabbix
Databases:	SQL, MongoDB

CERTIFICATIONS

- NodeJS Tutorial and Project Course - **Udemy**
- Full Stack Java Development Course - **Cranes Varsity**