

YUGAL SHARMA

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Delhi

WORK EXPERIENCE

Software Developer at IRCTC (Indian Railway Catering and Tourism Corporation) (April 2024- Present)

- Developed web applications using React.js and Node.js, focusing on seamless user experiences and efficient backend operations.
- Automated complex Excel file processes using Python and Pandas, enhancing data handling efficiency and reducing manual errors.
- Implementing complex CI/CD pipelines to streamline the continuous building and deployment process using Jenkins, contributing to operational efficiency at IRCTC.

Full Stack Developer at MKIX Private Limited(July 2023-December 2023)

- Developed and deployed dynamic web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js), creating responsive interfaces with React.js and Bootstrap and building efficient backend APIs for seamless data management.
- Collaborated with teams to deliver scalable solutions, ensured code quality with Git/GitHub and testing, and streamlined deployment using Jenkins and Docker for efficient CI/CD pipelines.

Full Stack Developer Intern Manav Rachna Innovation & Incubation Centre (January 2023- June 2023)

- Developed web applications using the MERN stack and Django, including a social media platform for medical professionals with an appointment system, collaborating with teams using agile methodologies..

PROJECTS

EXCEL REPORTS AUTOMATION:

Made 5+ Python Scripts that perform automatic operation on sheets and make the desired final Sheets and saved 10s of hours a week . **TECH USED-** Python , Pandas

PERFORMANCE DASHBOARDS:

Made Dashboards using real time data from oracle DB that lets us see reports, performance and download options. **TECH USED-** ReactJs, NodeJs ,Expressjs, PostMan, Api

CI/CD INTEGRATION:

Made Complex Pipelines using Jenkins that automates the process of Continuous Integration and Continuous Development. **TECH USED:** Jenkins

NEWS APP:

An App that lets us to see News of our desired categories. **TECH USED:** ReactJs, NodeJs, ExpressJs

SKILLS

CORE PROGRAMMING LANGUAGES:

C, Python, JavaScript

DEVELOPMENT SKILLS AND FRAMEWORKS:

HTML, CSS, JavaScript, ReactJs, NodeJs, MongoDB, Git, GitHub, API, Debugging, Postman, Bootstrap ThunderClient

DEVOPS:

Jenkins , Docker, Kubernetes

CYBERSECURITY:

Nmap, Wireshark, Metasploit, Burp suite, OSINT, OWASP Top 10, IT Security Compliance, TCP/IP Protocol, Application Security, Network Security, Cybersecurity Principles

OPERATING SYSTEM:

Windows, Linux

EDUCATION

Manav Rachna International Institute of Research and Studies (2019 - 2023)

Bachelor of Technology in Computer Science with specialization in Cybersecurity and Forensics.

Navyug School Sarojini Nagar New Delhi

Class XII

CERTIFICATIONS

- Introduction to Cybersecurity (B2C) [View certificate](#)
- Cybersecurity Essentials (B2C) [View certificate](#)
- Introduction to Packet Tracer (FS B2C) [View certificate](#)
- Learn HTML CSS Bootstrap Git GitHub for Beginners [View Certificate](#)

RESEARCH WORK

- Exploring and Analyzing Dark Web -presented in 2nd International Conference on Data Analytics and Management (ICDAM-2021),

LANGUAGES

- Hindi And English