

Sachin Tripathi

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EXPERIENCE

CURIO INFOTECH PVT. LTD | SOFTWARE DEVELOPMENT

INTERN

May 2025 – Aug 2025 | Gwalior, India

- Acquired hands-on experience in software development by completing structured training in core programming languages, version control systems, and agile development practices, increasing confidence by 75%.
- Developed and implemented 3 new features for the user authentication module using Java, contributing 1200+ lines of code, and reduced user login errors by 10% through focused effort.

EWAY IT SOLUTION PVT LTD | SOFTWARE DEVELOPMENT

INTERN

Jun 2022 – Jul 2022 | Ujjain, India

- Engineered an Interactive Platform : Built a highly responsive and visually captivating website, enhancing user interaction by 40%.
- Devised New Functionalities : Implemented and executed scripts, enhancing core functionality by 18%, contributing to a smoother, more efficient user experience.

PROJECTS

HR DATABASE MANAGEMENT SYSTEM | COLLEGE MAJOR

PROJECT FOR JAVA PROGRAMMING

May 2025 – Present | Gwalior, 2025

- Managed employee data and payroll operations using HRMS platforms, ensuring 100% accuracy and compliance with labor regulations.
- Monitored HR analytics dashboards to identify trends in employee engagement, reducing turnover by 12% and improving training effectiveness scores by 18% over two quarters

SERVER MONITOR APPLICATION SYSTEM | COLLEGE

MAJOR PROJECT FOR CLIENT-SERVER PROGRAMMING

Jun 2024 – May 2025 | Gwalior, India

- Engineered and launched a real-time server monitoring tool, improving incident response time by 30% through automated alerts and comprehensive resource tracking capabilities across all systems.
- Transformed the reactive server oversight system to a predictive system by designing a custom Network API reducing network outages, which ensured zero payroll errors for twelve consecutive months, and increased system up time.

BOILERPLATE CODE GENERATOR TOOL | COLLEGE MINOR

PROJECT FOR JAVA PROGRAMMING

Jun 2025 – Jul 2025 | Gwalior, India

- Developed customisable Setter Getter Generator tool using Java, automating boilerplate code creation and reducing development time by 30% and code-related errors by 15%.
- Streamlined object property management by integrating code generation utilities, reducing manual coding effort by 40%.

EDUCATION

MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE

BACHELOR OF TECHNOLOGY IN INFORMATION TECHNOLOGY-IOT
Expected Apr 2026 | Gwalior, India
Cum. GPA: 8.32 / 10.0

GOVERNMENT UJJAIN POLYTECHNIC COLLEGE

DIPLOMA IN COMPUTER SCIENCE AND ENGINEERING
Completed Apr 2023 | Ujjain, India

SKILLS

PROGRAMMING

3+ years:

Java • C/C++

1+ years:

Python • SQL

3+ years:

HTML • CSS • JavaScript

TECHNOLOGY AND TOOLS

Git/Github • AWS • Linux

UNIX • Windows • ROS

Artificial Intelligence • Automation •

Spring Boot • Gradle • Java API

COURSEWORK

GRADUATE

Analysis of Data Structure and Algorithms

Computer Network

Operating System

Internet Protocol

DIPLOMA

Artificial Intelligence

AI Robotics

Operating Systems I

Calculus I-IV

Data Analysis I

Introduction to Probability

CERTIFICATIONS

NPTEL Certification

Google Certification

LINKS

Github:// [sachinceoofgoogle](#)

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