

Arya Singh

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EDUCATION

Bachelor of Technology — Electronics and Telecommunication
Madhav Institute of Technology & Science, Gwalior

2024

CGPA: 8.38

EXPERIENCE

Application Engineer — Product Implementation & Customer Enablement
Newgen Software

Jan 2024 – Oct 2025

- Implemented and customized BPM/ECM solutions on the Newgen iBPS platform for enterprise BFSI clients including Saudi National Bank, Canara Bank, and Bank of Baroda.
 - Translated business requirements into configurable workflows, decision rules, and automation logic during onboarding and go-lives.
 - Designed BRMS-driven workflows for regulated, high-volume banking processes.
 - Served as technical point of contact, troubleshooting production issues and ensuring post-deployment stability.
 - Built REST and SOAP integrations between iBPS and external customer systems.
 - Used SQL to analyze production data, debug workflows, and optimize complex queries.
 - Improved performance by refactoring Java modules and database queries.
 - Collaborated with product, QA, and support teams to resolve customer-impacting issues.

UI/UX Developer Intern

May 2023 – Jul 2023

FixPoint

- Designed user-centric layouts and wireframes using Figma to improve usability and customer experience.
 - Revamped blog and support pages to improve engagement and session duration.
 - Collaborated with developers and product stakeholders on UI improvements and A/B testing.

PROJECTS

Clarity — Privacy-First Decision & Productivity Tool | clarity-wuxa.vercel.app

- Built a client-side productivity and decision-support application using React and TypeScript.
 - Architected a fully client-side, serverless state management approach using browser storage.
 - Designed a custom glassmorphism-inspired UI using modern CSS.
 - Implemented client-side decision logic for quantitative analysis.

Density-Based Traffic Control System

Oct 2022 – Dec 2022

- Collaboratively developed a traffic control prototype demonstrating potential 25% reduction in commuter waiting time.
 - Simulated real-world traffic density at a four-way junction using IR sensors.
 - Configured Arduino micro-controller to interpret sensor data and control signal transitions.

TECHNICAL SKILLS

Languages: Java, Python, C++, SQL, JavaScript

Frameworks & Tools: Spring Boot, Spring Core, REST APIs, SOAP, Swagger, JUnit, Mockito, SonarQube

Concepts: Workflow Automation, API Integrations, OOP, Design Patterns, Performance Optimizations

LEADERSHIP & INVOLVEMENT

Content Head

Apr 2022 – Jun 2023

Content Head

- Supervised content creation, event coverage, and faculty coordination.

Graphic Designer

Jan 2021 – Sep 2022

Querencia — Literary Club, MITS

- Designed posters, promotional creatives, and social media assets.