

# 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  
*FixPoint*

May 2023 – Jul 2023

- 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](https://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 Optimization

## LEADERSHIP & INVOLVEMENT

Content Head

Apr 2022 – Jun 2023

*Journalism Society, MITS*

- 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.