

# Aryan Vishwakarma

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[LinkedIn](#) | [GitHub](#)

## SUMMARY

Analytical and detail-oriented technologist pursuing a B.Tech in Information Technology with a strong interest in Product Management, SaaS systems, internal tooling, and data-driven decision-making. Experienced in evaluating technical workflows, improving system efficiency, and collaborating cross-functionally. Skilled in full-stack development, analytics, and cloud systems, with experience driving projects from problem definition to tested implementation. Passionate about optimizing internal processes, eliminating redundancies, and enhancing product strategy through data insights.

## EDUCATION

### PSIT Kanpur

Bachelor of Technology, Information Technology; GPA: 6.5

2022-2026

## SKILLS

- **Languages:** JavaScript (ES6+), Python, C++, SQL
- **Databases:** MongoDB, SQL Databases (MySQL/PostgreSQL), NoSQL Schema Design
- **Tools & DevOps:** Git, GitHub, GitHub Actions, CI/CD, Postman, Docker (project-level), Netlify
- **Platforms:** Visual Studio Code, Jupyter Notebook, PyCharm, Vercel, VAPI
- **Front-End:** React, HTML5, CSS3, Tailwind, Responsive UI, Component-Based Architecture
- **Back-End:** Node.js, Express.js, REST APIs, JWT Authentication, Microservices (Foundational), Spring Boot
- **Cloud:** AWS (EC2, S3), Deployment Concepts, Basic Infrastructure Knowledge
- **Concepts:** Agile/Scrum, SDLC, OOP, MVC, Time & Space Complexity
- **Product & PM Skills:** Requirement Gathering, Roadmap Planning, User Research, Workflow Optimization, SaaS Evaluation, Process Documentation, A/B Analysis

## WORK EXPERIENCE

### Data Analyst Intern – Deloitte

Remote / 2025 – 2025

- Cleaned, modeled, and analyzed datasets to support business decisions for internal consulting teams.
- Built dashboards that improved insight communication and enabled faster interpretation of network-related data trends.
- Enhanced analytical workflows, reducing manual processing time by ~20%

### Software Engineer Intern – Electronic Arts

Remote / 2025-2025

- Developed modular components using Java, Python, and JavaScript in an Agile environment.
- Engaged with product specifications, collaborating with engineers and designers to refine technical workflows.
- Collaborated with cross-functional teams and applied relevant design patterns in simulated production scenarios.

## PROJECTS

### MERN eCommerce Platform with Secure Payments

Jul 2024 – Sep 2024 | Tech Stack: React, Node.js, Express.js, MongoDB, Stripe API, JWT, Node-Cron

- Built a full-stack eCommerce system with authentication, role-based access, and secure API design.
- Executed Stripe payment flows and automated order verification with scheduled tasks.
- Improved backend response efficiency through optimized routing and middleware.

### Real-Time MERN Chat Application

Nov 2024 – Apr 2025 | Tech Stack: React, Node.js, Socket.IO, MongoDB, GitHub Actions

- Developed a real-time messaging platform with typing indicators and group conversations.
- Designed scalable NoSQL schema and enforced efficient data indexing for fast retrievals.
- Added encrypted message workflows for enhanced data privacy.

### Voice-Controlled AI Desktop Assistant (JARVIS)

Jun 2025 – Present | Tech Stack: Python, LangChain, Ollama (phi3:3.8b), OpenAI Whisper/Vosk, ChromaDB, Docker, PyAutoGUI

- Built an on-device AI assistant with voice commands, event-driven automation, and agent logic.
- Implemented speaker verification, Docker-isolated execution, and continuous learning workflows.
- Added UI triggers and automated system-control tasks for a desktop-level AI experience.

## CERTIFICATES

### AWS Cloud Practitioner – AWS

- Gained hands-on understanding of core AWS services, cloud security basics, and foundational architecture concepts.

### Software Engineer – HackerRank | [CERTIFICATION](#)

- Applied algorithms, data structures, debugging methods, and clean coding standards to solve engineering challenges.

### AWS Solutions Architect – Forage | [CERTIFICATION](#)

- Completed architecture simulations involving VPC design, load balancing, storage decisions, and high-availability planning.

### Deloitte Data Analytics – Forage | [CERTIFICATION](#)

- Worked on real-world analytical tasks, including data cleaning, modeling, and dashboard reporting used in consulting.

### Electronic Arts Software Engineering – Forage | [CERTIFICATION](#)

- Completed software engineering modules covering clean code principles, unit testing, SDLC stages, and collaborative development.