Aryan Vishwakarma

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

SUMMARY

Detail-oriented full-stack developer skilled in JavaScript (React, Node.js), Java (Spring Boot), secure API development, and scalable web architecture. Experienced in building responsive UIs, backend services, REST APIs, real-time communication modules, authentication workflows (JWT/OAuth2), and MERN applications. Strong understanding of Agile/Scrum, CI/CD, version control, and cloud fundamentals, with hands-on project experience across front-end and back-end stacks.

EDUCATION

PSIT Kanpur (2022-2026)
Bachelor of Technology, Information Technology; GPA: 6.5

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, Jupiter 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

WORK EXPERIENCE

Data Analyst Intern – Deloitte
Remote | 2025 – 2025

- I worked on data cleaning, modeling, and visualization tasks to support business analysis.
- Built dashboards for insight communication and supported analysis of network-related datasets.
- Improved proficiency in analytical workflows and structured problem-solving.

Software Engineer Intern – Electronic Arts
Remote | 2025-2025

- Developed modular software components using Java, Python, and JavaScript in an Agile environment.
- Followed clean coding practices and contributed across the SDLC, including development and unit testing.
- Worked collaboratively with cross-functional teams and applied design patterns in simulated production tasks.

PROJECTS

MERN eCommerce Platform with Secure Payments
Jul 2024 – Sep 2024 | Tech: React, Node.js, Express.js, MongoDB, Stripe API, JWT, node-cron

- Built a full-stack application with React, Node.js, Express.js, and MongoDB.
- Implemented role-based access, secure API design, and authentication with JWT.
- Integrated Stripe for controlled payment flows and added automated task scheduling for status checks.

Real-Time MERN Chat Application
Nov 2024 – Apr 2025 | Tech: React, Node.js, Socket.IO, MongoDB, GitHub Actions

- Developed a real-time messaging system using Socket.IO.
- Added typing indicators, group conversations, and encrypted message workflows.
- Designed a scalable NoSQL schema and implemented efficient data indexing.

Voice-Controlled AI Desktop Assistant (JARVIS)
Jun 2025 – Present | Tech: Python, LangChain, Ollama (phi3:3.8b), Whisper/Vosk, ChromaDB, Docker, PyAutoGUI

- Built an AI assistant using Python, LangChain, Whisper/Vosk, and event-driven automations.
- Implemented speaker verification, isolated execution using **Docker**, and on-device learning workflows.
- Added task automation, UI triggers, and agent-based decision logic.

CERTIFICATES

AWS Cloud Practitioner – AWS
- Gained practical exposure to AWS cloud fundamentals, core services, security basics, and foundational cloud architecture principles through hands-on tasks.

Software Engineer – Hacker Rank | [CERTIFICATION](#)
- Gained practical experience in applying data structures, algorithms, debugging techniques, and clean coding practices to solve real software engineering challenges.

AWS Solutions Architect – Forage | [CERTIFICATION](#)
- Completed real-world architectural simulations involving VPC design, load balancing, storage selection, and resilient system planning aligned with AWS best practices.

Deloitte Data Analytics – Forage | [CERTIFICATION](#)
- Worked on data cleaning, modeling, and visualization tasks to simulate real analytics workflows and structured problem-solving used in consulting environments.

Electronic Arts Software Engineering – Forage | [CERTIFICATION](#)
- Completed software engineering modules involving clean code practices, unit testing, SDLC stages, and collaborative development in a simulated product environment.