

AKASH SHUKLA

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

PROFESSIONAL SUMMARY

Software Engineer with 1+ year of hands-on experience in test automation, browser automation, and full-stack development. Strong practical experience with **Playwright**, **JavaScript/TypeScript**, **Node.js**, and REST API development. Built production-grade automation systems with retry logic, monitoring, and CI-ready deployments. Comfortable working across web, API, and backend layers with a focus on reliability, debuggability, and scale.

WORK EXPERIENCE

Software Developer — Indiminds Technologies

Kolkata, India

Dec 2024 – Dec 2025

- **Built a production-grade Playwright automation framework** (Chromium + Node.js) running as a Windows service via PM2, implementing multi-condition login-state detection, automated retry logic, and graceful browser lifecycle management — ensured persistent authenticated sessions across system reboots.
- **Designed a centralized Log Monitoring System** for multi-service deployments, surfacing failures in real time, standardizing error reporting, and reducing manual debugging effort across environments.
- **Developed and shipped an Online Dispute Resolution (ODR) platform** with detailed Role-Based Access Control (RBAC), form workflows, and audit-safe data handling.
- **Deployed and maintained backend services on Microsoft Azure** (App Service, Key Vault) — handled secrets management, environment configuration, and production stability.

PROJECTS

Finnotia — Full-Stack Financial Platform · Next.js, FastAPI, MongoDB, Azure, Firebase

- Built and deployed a production full-stack platform with REST APIs across web and Android (Capacitor) — live on Google Play Store.
- Implemented secure authentication (Email OTP + Google OAuth), push notifications via Firebase Cloud Messaging, and automated content pipelines with external API integrations.
- Set up continuous deployment using **GitHub + Vercel + Azure**, with version-controlled environment-aware builds.

Enterprise Attendance Management System · Next.js, Node.js, MS SQL Server

- Designed a 30+ table relational schema and REST APIs for employee, shift, attendance, and leave management.
- Built an admin dashboard with analytics for attendance reports, overtime, and compliance — tested across role-based flows and edge cases.

TECHNICAL SKILLS

Test Automation: Playwright, Chromium Automation, REST API Testing (Postman), Cross-environment Regression, Debugging & Root-Cause Analysis

Languages: JavaScript, TypeScript, Python, C++

Frontend: React, Next.js, HTML/CSS

Backend: Node.js, Python FastAPI, REST APIs

Databases: MongoDB, MS SQL Server

DevOps, Cloud & Tools: Git, GitHub, GitHub Actions, Docker (basic), PM2, Microsoft Azure (App Service, Key Vault), Firebase, Postman, VS Code, Chrome DevTools

EDUCATION

B.Tech in Computer Science and Engineering · CGPA: 8.45

Swami Vivekananda Institute of Science and Technology (MAKAUT, WB) · 2020 – 2024