Pritanshu Dwivedi

Software engineer with 4+ years' experience in CI/CD automation, frontend development, and developer productivity tools. Skilled in optimizing pipelines, improving release reliability, and driving efficiency across large-scale monorepos. Proven ability to lead initiatives, mentor teams, and deliver measurable business impact, with multiple awards for innovation and technical excellence.

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Experience

Software Engineer   **Oct 2020 – Present**
Full Stack Engineering, Cognizant Technology Solutions, India

Key Contributions:

- **Frontend Application Architecture:** Architected and built a critical frontend application such as internal code-quality dashboard, providing teams with actionable insights on test coverage, accessibility, and linting violations.
- **Frontend Platform Enhancements:** Led major framework and library upgrades, integrated custom ESLint/Stylelint rules, and standardized modern testing strategies (Playwright, Storybook) to elevate code quality and maintainability.
- **Tooling Modernization:** Spearheaded adoption of Vite (5x faster dev server over webpack) and Playwright, modernizing the testing and local development experience organization wide.
- **Custom Tool Development:** Created SneakyLint, a VS Code extension to surface suppressed ESLint violations, improving code hygiene in monorepo.
- **Developer Experience Innovation:** Architected an automated "focus mode" for local development, cutting startup and reload times by 60% through dynamic team-specific routing modules.
- **CI/CD & Build Time Reduction:** Engineered and scaled pipelines for 55+ frontend apps (1,000+ builds/week), reducing build times by 45% via Nx computation caching and parallelized test execution.
- **Release Process Automation:** Automated the "Release-on-Push" process by scripting migrations, enabling branch policy and PR management, achieving a 99% deployment success rate while eliminating last minute changes and complications.
- **Strategic Impact**: Pioneered Cognizant's offshore presence in the Foundation squad, enabling team expansion and deeper client engagement.

Awards & Recognition:

- Xploration Day Winner – 2024
- Amber Award (Client Excellence) – 2023
- BFSI Delivery Award (Rabobank Digitization) – 2023
- FSE Guru Award (Mentorship) – 2022
- Bronze Award (Library Upgrade Initiative) – 2022

Certifications:

- Designing and Implementing a Data Science Solution on Azure (2025)
- GitHub Copilot – Java Developer, AI Assisted, 2024
- Playwright Framework2024
- Microsoft Azure Fundamentals (AZ-900) 2022

Skills & Technologies

- **Frontend:** Angular, TypeScript, JavaScript, HTML/CSS
- **Backend/DB:** Java (Spring Boot), MySQL
- **DevOps & Tools:** Azure, Powershell, CF, Git, Playwright, ESLint, Splunk, Postman
- **Soft Skills:** Automation, Developer Enablement, Mentorship, Problem-Solving, Cross-team Collaboration

Volunteering & Events:

- Attended JSNation Amsterdam and NX Summit to stay updated with frontend trends.
- Participated in LEARN-A-THON, CHC 2022-23-24, Emergency Response Team (ERT), Cognizant Flex your mind challenge, and Wellbeing Olympics.
- Volunteered for outreach activities including plantation drives and collaboration with disabled children.
- Authored articles on coding concepts and contributed to Cognizant's KNOWEMBER initiative and client-level knowledge sharing.

Education

Bachelor of Technology   2016-20
CS, Galgotias University, Greater Noida