Prateek Verma

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EXPERIENCE

Philips   Apr 2024 – Present
Software Development Engineer I   *Bangalore, India*
- Enhanced the internal developer portal for improved developer onboarding and experience.
- Created reusable GitHub Actions and streamlined CI/CD pipelines for faster deployments.
- Developed custom Confluence plugin and Backstage scaffolding templates for microservice onboarding.
- Published internal Backstage plugins to NPM to encourage adoption and reusability.
- Led observability stack deployment using Helm, Kubernetes, and OpenTelemetry in isolated namespaces.
- Instrumented services manually using OpenTelemetry SDKs (Python) to track domain-specific metrics.
- Built telemetry pipelines across microservices for real-time insights into performance and reliability.

Philips   Jun 2023 – Apr 2024
Software Development Intern   *Bangalore, India*
- Implemented full-stack features in React and Node.js for the Developer Portal.
- Worked on search optimizations and regular bug fixes across various micro frontends.

PROJECTS

Naukri Resume Action | GitHub
- Built a GitHub Action to auto-upload resumes to Naukri.com, keeping profiles active with scheduled/manual triggers.
- Supports multiple resume uploads, GitHub Secrets for credentials, and is compatible with self-hosted runners.
- Documented setup and security practices; featured in GitHub Marketplace.

Backstage Plugin: Scaffold Insight Viewer | NPM
- Developed a plugin to visualize Backstage scaffolding metadata and template usage.
- Aids engineering managers in tracking template adoption trends.
- Published as an open-source NPM package.

Fastest-Fingers (Typing Game) | Live Demo
- Built a real-time multiplayer typing game using WebSockets and Socket.io.
- Frontend: React + Tailwind + TypeScript; deployed on Vercel.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C++
Frontend: React, Next.js, Tailwind CSS
Backend: Node.js, Express.js
DevOps: GitHub Actions, Docker, Kubernetes, Helm, Terraform, AWS (EC2, S3), LocalStack
Observability: OpenTelemetry, Prometheus, Grafana
Other Tools: Git, Linux

EDUCATION

Lovely Professional University   Jul 2020 – May 2024
B.Tech in Computer Science and Engineering   *GPA: 8.41 / 10*
SN Senior Secondary School   Jul 2018 – 2019
Senior Secondary Education (CBSE)   *Percentage: 87.20%*