

Ayush Singh Kushwah

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Career Summary

Full-Stack Developer specializing in React, Node.js, and DevOps automation. Built infrastructure-as-code tools that automate cloud provisioning and deployment workflows. Developed full-stack applications including productivity platforms and DevOps automation tools using Next.js, MongoDB, and AWS.

Skills

- **Core Technologies** - React, NextJS, Node.js, MongoDB, Python, TypeScript
- **DevOps & Cloud** - Docker, Kubernetes, Terraform, Ansible, AWS, Jenkins, Git
- **Design & Testing** - Figma, Postman, JUnit, Prometheus, Grafana

Projects

Ideos - ideos.live

06/2024 - 05/2025

- Developed a productivity planner (Kanban, Pomodoro, Notes) as a college major project to enhance time and task management for professionals.
- Implemented KindeAuth and Zustand for robust state management and deployed the application with AWS and Vercel for high performance.
- Tech Stack: NextJS, NodeJS, MongoDB, KindeAuth, Zustand, ShadCN, AWS, Vercel, Python, GenAI, Docker

Visual Rift - [frontend](#) - [backend](#)

01/2024 - 05/2024

- Engineered a "Diagram as Infrastructure" tool that provisions cloud infrastructure from a canvas design, automating the DevOps process for startups.
- Automated cloud infrastructure provisioning through Terraform, Ansible, and Kubernetes.
- Tech Stack - Bash, ReactJS, NodeJS, MongoDB, Git, Docker, Jenkins, Kubernetes, Ansible, Terraform, Grafana, Prometheus, AWS, JUnit, and Postman.

Parko - [frontend](#) - [backend](#)

08/2023 - 11/2023

- Built a comprehensive parking application with Raspberry Pi-integrated cameras for real-time spot tracking, reducing user wait time through real-time availability tracking.
- Served as a Full Stack Developer and DevOps Engineer, utilizing ReactJS, NodeJS, LeafletJS, and GitHub Actions to deploy a seamless user experience.
- Tech Stack - ReactJS, NodeJS, LeafletJS, MongoDB, Git, Docker, GitHub Actions, and Postman.

Experience

[Yamaha Motor Solutions India](#)

Associate Software Engineer

07/2025 - Present

- Managing SAP BASIS operations: system installation/configuration, monitoring, user admin, fiori management, database backups, software component installs/upgrades, kernel/patching, dumps & issue resolution, and performance tuning.
- Maintaining HANA/NetWeaver systems, ensuring reliability, and managing integrations & connectivity with SAP Datasphere, SAP Cloud ALM, and other enterprise services.

Software Engineering Intern

01/2025 - 06/2025

- Supported SAP system setup, monitoring, user management, client copies, transports, and routine BASIS maintenance including Fiori access & initial issue/dumps analysis.
- Assisted with database backups, software component updates, and monitoring systems regularly.

[OrganicGrow](#)

Software Developer Intern

08/2024 - 12/2024

- Led the design and implementation of a custom GenAI based automated image/video editing tool for social media content generation, allowing creation to scheduling of posts within seconds for 100+ clients.
- Developed new features and optimized platform performance using Next.js, GenAI, Python, FastAPI, and MongoDB.

Education

BTech in Computer Science and Engineering, University of Petroleum and Energy Studies
CGPA - 8.78

2021 - 2025

Activities and Achievements

- Github Foundations Certification | [Link](#) 09/2024
- Organized and delivered a 4-day Full Stack Web Development Workshop for 100+ students 06/2024
- Technical Head at UPES Cloud Security Alliance Student Chapter 05/2023 - 05/2024
- Participated in U-Hackathon 4.0 by UPES 08/2024
- Attended DevOps Bootcamp organized by UPES and INT College 06/2023 - 07/2023