# Akash Pawar

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# **PROFILE**

Full Stack & DevOps Engineer with 1.6 years of experience building and deploying scalable web applications. Skilled in Java, Spring Boot, React.js, Node.js, and Python, with expertise in CI/CD automation (Docker, Jenkins, GitHub Actions) and AWS (EC2, S3, Lambda, RDS). Achieved up to 95% reduction in manual processes and 99.9% system reliability through cloud-native automation and optimized deployment workflows.

#### **SKILLS**

Programming Languages – Java, JavaScript, TypeScript, Python

Frontend - React.js, Next.js, HTML5, CSS3, Tailwind

Backend - Node.js, Express.js, Spring Boot, FastAPI

Database - MySQL, Hibernate, Sequelize ORM

DevOps & CI/CD – Docker, Jenkins, GitHub Actions, CI/CD Pipelines, Containerization

Cloud Platforms – AWS (EC2, S3, Lambda, RDS)

Test & Automation - Selenium WebDriver, PyMuPDF, BeautifulSoup

Other Tools - Postman, Git, GitHub, GitLab

#### PROFESSIONAL EXPERIENCE

#### **Formonex Solutions**

08/2025 - Present | Pune

Software Developer (MERN Stack)

- Developing SaaS-based applications using the MERN stack (MongoDB, Express.js, React.js, Node.js) with a focus on scalability and client-specific features.
- Leading development of a SaaS platform for laundry service providers, collaborating with clients to gather requirements, design workflows, and deliver tailored solutions.
- Implementing secure authentication, payment gateway integration, and role-based access, ensuring a seamless user experience.
- Optimizing backend APIs and MongoDB queries for high performance, supporting concurrent user sessions and reducing response times.

**R. K. Dewan & Co.** 04/2024 - 08/2025 | Pune

Junior Software Developer

- Designed and implemented a patent forms management system to streamline workflow during internship phase, later extended into production-level features.
- Engineered a Financial Reconciliation System with automated data extraction (Selenium, Python, MySQL), cutting manual processing by 85% and improving accuracy for \$1M+ transactions.
- Built a Patent Management System (Node.js, Express.js, Sequelize) improving workflow efficiency by 40% across 20+ models, including opposition tracking and statutory deadline management.
- Developed a Time Tracking Analytics Platform with automated PDF/Excel reporting (ExcelJS, Cron Jobs), reducing reporting overhead by 95% for 150+ employees.
- Automated extraction of Indian Patent Office journal data using Python, Selenium, and PyMuPDF, achieving 99% accuracy and reducing manual work by 95%.
- Deployed multiple enterprise projects via Docker & Jenkins, streamlining CI/CD pipelines and reducing deployment time from hours to minutes.

#### **PROJECTS**

#### SaaS Laundry Management Platform

08/2025 - Present

Tech Stack: MERN (MongoDB, Express.js, React.js, Node.js), JWT Authentication,

REST APIs, Payment Gateway Integration

- Currently developing a SaaS platform for laundry businesses, enabling digital order booking, tracking, and automated billing.
- Collaborating directly with clients to gather requirements, design workflows, and deliver tailored features.
- Implemented secure authentication and payment integration, improving customer experience and operational efficiency.
- Optimized backend APIs and MongoDB queries for high performance, supporting concurrent users with minimal response times.

# Patent Draft Generator - Full Stack AI-Powered Application

TechStack - Next.js, TypeScript, Tailwind CSS, Python, FastAPI, OpenAI API, Google

Gemini API, Anthropic API, Ollama, REST APIs, JWT Authentication

- Built an AI-powered patent drafting platform enabling real-time switching between multiple LLMs (OpenAI, Gemini, Anthropic, Ollama).
- Developed a FastAPI backend with async processing, reducing draft generation time by 75% and supporting concurrent users.
- Implemented intelligent prompt management achieving 98% accuracy in technical specifications across patent domains.
- Delivered 99.9% system reliability through fault-tolerant processing and automatic fallback mechanisms, scaling to 200+ sessions.

# Enterprise level product's shipping @

TechStack - ReactJs, SpringBoot, Java, Hibernate, MySql, HTML5, CSS3

- Designed and implemented a product delivery solution with secure payments, legal compliance, and real-time order tracking.
- Optimized backend services and database queries, ensuring high performance for enterprise-scale transactions.
- Delivered a seamless customer experience with user-friendly web UI for browsing, ordering, and tracking.

#### **EDUCATION**

# Post Graduation Diploma In Advanced Computing CDAC ACTS

03/2023 - 08/2023 | Pune

B.tech(Computer Science and Engineering)

2018 - 2022 | Karad

Dr.Daulatrao Aher College of Engineering

#### **CERTIFICATES**

# Deloitte Australia Data Analytics Job Simulation on Forage - May 2025

- Completed a Deloitte job simulation involving data analysis and forensic technology
- Created a data dashboard using Tableau
- Used Excel to classify data and draw business conclusions

# AWS Certified Solutions Architect Associate (ID: AWS-SAA-001) | 2023

Python Programming Professional Certification, Udemy | 2022

# **AWARDS**

# Bhai Gujar Chashak Cricket Competition.

2020

Held at DOCOE, Karad and Placed 1st rank in karad district.

Horlicks wizkids Festivel. 2016

The Competition was on Group Instrumental music. Held in Ganesh Kala kreeda Pune and Achieved 3rd Rank

# **INTERESTS**

Tech Enthusiast — Passionate about cloud computing, DevOps automation, and open-source projects.

Fitness & Sports — Regular gym-goer with interest in cricket and volleyball.

**Continuous Learning** — Active in upskilling through online courses & tech blogs.