Pawan Kumar

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PROFESSIONAL SUMMARY

Software Engineer with 2 years of experience in building and enhancing web applications using React.js, Next.js, NestJS, TypeScript, Node.js, REST, and GraphQL APIs. Successfully reduced API latency by **25%**, improved system performance for **5,000+ users**, and boosted user retention by **30%** through targeted UI/UX enhancements.

WORK EXPERIENCE

Software Developer   Mar/1/2025 - Sep/21/2025
Charm AI Technologies Pvt. Ltd   *On-Site*

- **Warranty Management System**:
  * Developed **multi-tenant SaaS architecture** serving **10+ enterprise clients** for warranty management, claims processing, and issue tracking with improved scalability and system modularity.
  * Implemented **role-based access control (RBAC)** system with granular permissions, reducing security incidents by **85%** and supporting **50+ role configurations** across departments.
  * Optimized **admin dashboard** and onboarding workflows, decreasing configuration time by **40%** through enhanced UI/UX design and automated processes.
  * Streamlined **partner integration** and dealer onboarding, reducing setup time by **50%** and enabling **100+ partners** to manage warranty workflows independently.

Software Developer   Sep/11/2023 - Feb/28/2025
Misemind Technology Private Limited   *On-Site*

- **Tracking Management System**:
  * **Frontend Development:** Built responsive web application using **Angular framework**, improving page load performance by **40%** for **2,000+ daily active users**.
  * **Backend Development:** Architected RESTful APIs using **FastAPI Python framework**, processing **5,000+ daily requests** with optimized response times.
  * Integrated **OpenSearch** for real-time data analytics and search functionality, enhancing query performance by **30%** and system responsiveness.
  * Built **geofencing solution** with **Leaflet.js** and **Elasticsearch**, enabling real-time GPS tracking and map visualization with **25% faster data retrieval**.

TECHNICAL SKILLS

Front-End: React.js, Next.js 14+, TypeScript, JavaScript, Angular 16+, CSS/SCSS, TailwindCSS, Redux, Context API, PrimeReact.

Back-End: Node.js, NestJS, Express.js, Strapi CMS, REST APIs, Redis, GraphQL, AWS, Lambda, Prisma.

Databases: PostgreSQL, MongoDB Atlas, MySQL.

UI Frameworks & Libraries: Hero-UI, Material-UI, ShadCN, PrimeReact, Langchain, Generative AI, Agentic AI.

Development Tools: Git, GitHub, Docker, Postman, VS Code, Cursor, Windsurf, Deepseek, Claude, Jira, Stripe Payments Gateway.

Cloud & Deployment: AWS, Vercel, Netlify, Heroku, Render, S3, Serverless Functions.

Software Practices: Agile, Scrum, Clean Code, Test-Driven Development (TDD), Design Patterns, Code Reviews.

PROJECTS

Mock AI Interview Platform (Full Stack Development):

- Engineered an AI interview platform utilizing Next.js, LangChain, and Gemini AI, reducing interview preparation time by 75% and enabling recruiters to evaluate 2x more candidates weekly.
- Deployed **machine learning integration** for adaptive question difficulty and personalized evaluation, supporting multiple question types and domain expertise assessment
- **Technologies:** Next.js, LangChain, Gemini AI, MongoDB, TypeScript   **Demo:** Live   **Code:** GitHub

Package Showcase Platform (Frontend Development):

- Designed **React-based web application** using **Next.js framework** for NPM package discovery with interactive code editor and live preview functionality
- Introduced **performance optimization** and lazy loading, reducing page load times by **35%** and improving user engagement by **20%**.
- **Technologies:** Next.js, React, TailwindCSS, TypeScript   **Demo:** Live   **Code:** GitHub

EDUCATION

Bachelor of Vocation in Software Development   2019 - 2022
Ambedkar Institute of Technology   *Delhi, India*

- **Achievement**: Graduated with distinction - CGPA: **9.16/10.0**
- **Relevant Coursework**:   Web Development, Database Management, Software Engineering