ASHUTOSH RENU

Tech Entrepreneur | Technical Architect

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SUMMARY

I'm a tech entrepreneur with **7+ years of experience** spanning roles from **Software Engineer** to **Technical Architect**. My core expertise lies in **AI-driven product development**, **scalable architecture**, **full-stack development**, and **DevOps**. I have a proven track record of **leading teams** and architecting **robust, efficient solutions** that drive productivity. Passionate about technology, I thrive in **fast-paced environments**, consistently delivering innovation and impact.

EXPERIENCE

Lead Engineer   06/2024 - Present

DrCode (Airia Technologies Pvt. Ltd.)   Noida, India

A SaaS company focused on AI-powered software solutions

- Driving the development of AI-powered SaaS solutions that are redefining software testing and boosting QA productivity by up to **40%**.
- Led a high-performing team of **6 engineers** to deliver **3+ production grade products**, reducing time-to-market by **30%** and accelerating customer onboarding.
- Architecting **robust**, **scalable**, and **secure AI-driven systems**, capable of handling **1M+ API requests/day** with 99.9% uptime.
- Aligned tech initiatives with business goals, boosting operational efficiency by **30%**.

Technical Architect   05/2022 - 06/2024

Taxmann   New Delhi, India

A leading provider of tax and financial data solutions

- Spearheaded AI transformation, reducing content go-live time by **50%** and cutting operational costs by **30%**.
- Led monolith-to-microservices migration from legacy **.NET and SQL Server** to a modern **MERN stack**, improving deployment speed by **60%** and enabling independent service scaling.
- Led **AI team of 5** and **product team of 10+**, delivering impactful solutions that improved **system efficiency by 40%**.
- Designed and implemented scalable architectures to support **1M+ API requests per day**, ensuring **99.9% uptime** and seamless performance under load.
- Built on-premise infrastructure solutions, improving system performance by **2x** and reducing cloud dependency costs.
- Integrated open-source tools, lowering operational expenses by **over 35%** annually.

DevOps Consultant   08/2020 - 05/2022

TAXMANN TECHNOLOGIES PRIVATE LIMITED   New Delhi, India

Consulting division focusing on DevOps and cloud services

- **Reduced cloud infrastructure costs by 20%** through automated provisioning using Infrastructure as Code tool Terraform.
- **Established CI/CD pipelines** using GitHub Actions and AWS CodePipeline, increasing deployment frequency by **30%** and reducing manual errors.
- **Implemented end-to-end monitoring and alerting systems using Amazon CloudWatch**, resulting in **99.9% system uptime** and faster incident response.

Senior Software Engineer   06/2018 - 05/2022

Mindler   New Delhi, India

A company specializing in career counseling and psychometric assessments

- **Revamped AI-driven psychometric tools** and enhanced **B2B/B2C platforms**.
- **Migrated PHP monolith to MERN microservices**, cutting deployment time by **60%**.
- Built **MERN based SaaS** for **ICCC certification**, reducing coach onboarding time by **50%**.
- **Added caching layer**, reducing MySQL load by **50%** in high-traffic assessments.
- **Refactored legacy PHP career assessment engine**, achieving **30% better results** with faster execution.

EDUCATION

MCA   08/2015 - 05/2018

NIT Durgapur   Durgapur, India

KEY ACHIEVEMENTS

⭐ **AI-Powered SaaS at Dr Code**
Built and launched AI-powered SaaS at Dr Code

🚀 **AI Transformation at Taxmann**
Led AI transformation at Taxmann, reducing costs and improving efficiency

💡 **Mentorship and Team Development**
Mentored and developed high-performing engineering teams

💎 **Monolith to Microservices Migration**
Improved scalability and deployment via microservices architecture.

TECHNICAL SKILLS

Python · JavaScript · TypeScript · PHP ·
Node.js · ReactJS · NextJS · Django ·
Fast API · CodeIgniter · MySQL ·
PostgreSQL · MongoDB · Redis ·
Elasticsearch · AWS Services · Docker ·
Kubernetes · Terraform · Jenkins ·
OpenAI · Llama3 · Microservices

CORE COMPETENCIES

System Design ·

API Development & Integration ·

AI & ML-Driven Development ·

Cloud & DevOps (AWS) ·

Startup & Product Development

CERTIFICATION

AWS Certified Developer

AWS Certified Developer – Associate (2021) | Scored 927/1000

LANGUAGES

English   Native   ●●●●●

Hindi   Native   ●●●●●