Pratik Raut

Full-Stack Software Engineer ‖ Gen AI Developer

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in Linkedin 🔗 Profile

🪪 PROFILE

- Built and deployed full-stack web applications using React, Angular, Node.js, Django, and CakePHP.
- Integrated AI-driven automation to boost scalability, efficiency, and performance.
- Managed RESTful/GraphQL APIs and optimized MongoDB, MySQL, and PostgreSQL databases.
- Deployed via Docker and Jenkins CI/CD pipelines, ensuring secure and reliable delivery.
- Collaborated across teams to deliver high-performance, user-focused solutions

💼 EXPERIENCE

Profilics Systems Pvt. Ltd., Full-Stack Developer with 3+ years of professional experience, including a 1-year internship and over 2 years of full-time development
Jan 2022 – Present | Ujjain, India

Developed and deployed scalable full-stack web applications using React, Angular, Node.js, Django, and CakePHP, serving 15,000+ active users and processing 5,000+ daily transactions.

Integrated AI-driven features and automation workflows that improved system performance by 35% and increased user engagement by 25%.

Designed and managed RESTful and GraphQL APIs, optimizing MongoDB, MySQL, and PostgreSQL databases to reduce query response times by 40%.

Orchestrated cloud deployments on AWS, Firebase, and Heroku, implementing auto-scaling and load balancing to achieve 99.95% uptime and seamless scalability.

Streamlined development workflows using Docker, Jenkins, and CI/CD pipelines, cutting deployment time by 30% while maintaining consistent reliability.

Implemented robust security practices, including JWT authentication, data encryption, and vulnerability scanning, ensuring compliance with industry standards and secure application delivery.

🎓 EDUCATION

Bachelor's Degree in Computer Science,
Jun 2019 – Jun 2023 | Ujjain, India
Shri Guru Sandipani Institute of Technology and Science
CGPA: 7.6

📁 PROJECTS

Endorsement Platform | Angular, FastAPI, MongoDB, GraphQL
Created a full-stack engagement system using Angular and FastAPI, optimising MongoDB schemas for **10,000+ daily interactions**. Integrated GraphQL APIs and automated deployments via **Docker** and **AWS**, improved response times by **25%** while achieving **99.9% uptime**

E-Commerce Catalog | Angular, .NET Core, MySQL, Stripe, Docker, AWS
Improved an e-commerce catalog with category filtering, secure checkout, and optimized MySQL queries (reduced load time by **40%**). Expanded backend using .NET Core and Stripe for seamless transactions. Implemented CI/CD pipelines with Docker and AWS for reliable deployment.

Dealership CRM (DP360) | Angular, CakePHP, MySQL, Docker, AWS, Nginx
Created a scalable CRM for automotive dealerships with Angular frontend and CakePHP APIs. Enhanced reliability through **Docker containerization** and **AWS-based CI/CD pipelines**, achieving **99.8% uptime**. Streamlined collaboration with automated build and deployment workflows.

Next.js Blog Platform with AI Suggestions | Next.js, Django, TensorFlow, MongoDB, Docker, AWS E
Enhanced a high-performance blogging platform using Next.js and Django, boosting SEO by **40%**. Integrated AI-driven content recommendations via TensorFlow, improving engagement by **22%**. Expanded cloud infrastructure with **Docker** and **AWS** for secure, scalable deployment.

AI Wellness Coach (Reinforcement Learning) | Flask, TensorFlow, MongoDB, Docker, AWS
Expanded a modular wellness platform with Flask APIs for calorie prediction and user tracking. Improved AI accuracy by **15%** using reinforcement learning (Q-learning). Automated deployment through **Docker** and **AWS pipelines**, handling **500+ daily predictions** securely.

Secure File Storage & Sharing System | Go (Chi), React, AWS S3, PostgreSQL, Docker, Nginx
Planned and delivered a secure file-sharing platform with Go backend and React frontend. Integrated **AWS S3** for cloud storage, JWT authentication, and RBAC security. Deployed using **Docker** and **CI/CD pipelines**, achieving **99.95% uptime** with high performance.

🧠 SKILLS

Frontend: — React, Angular, Next.js, HTML5, CSS3, Bootstrap, JavaScript, TypeScript, Redux

Backend: — Node.js, Django, Flask, CakePHP, .NET Core, Golang (Gin), Python (FastAPI), PHP

Database Management: — MongoDB, MySQL, PostgreSQL

Cloud & Deployment: — AWS, Heroku, Firebase, Docker, Jenkins, Nginx

Testing & Quality Assurance: — Jest, Mocha, Jasmine

DevOps & Tools: — Git, Bitbucket, CI/CD Pipelines, Agile Development, RESTful APIs, GraphQL

AI / ML Integration — Pytorch**,** TensorFlow, Reinforcement Learning, AI Model Training, LLM Integration

Other — Full-Stack Development, API Design, Automation, Security Implementation

📜 CERTIFICATES

Hack-AI-Thon (SBI Life × Hack2Skill) — Certificate of Participation — Participated in a nationwide AI innovation hackathon organized by **SBI Life** and **Hack2Skill**, focused on creativity, collaboration, and real-world AI solutions.

Deep Agents with LangGraph — Certificate of Completion — Completed a specialized project on building and deploying **AI agents using LangGraph**, emphasizing deep learning and conversational AI architectures (Issued: September 2025)

✏️ DECLARATION

I confirm that all the information provided above is accurate and true to the best of my knowledge.

Pratik Raut