

# Yashasvi Shukla

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## SUMMARY

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Full-stack engineer with hands-on experience building production-grade backend systems and AI-powered platforms. Currently working on a multi-tenant legal system handling claims, litigants, document pipelines, and communication workflows. Strong in scalable API design, audit logging, and cloud-based architectures using AWS and Docker. Experienced in NLP systems and MLOps pipelines including model training, evaluation, and deployment.

## EDUCATION

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<b>KIET Group of Institutions</b> <i>Master of Technology in Computer Science and Engineering</i>	2024 – 2026 <i>Delhi-NCR, Ghaziabad</i>
<b>RKGIT, Ghaziabad</b> <i>Bachelor of Technology in Computer Science and Engineering</i>	2019 – 2023 <i>Delhi-NCR, Ghaziabad</i>

## EXPERIENCE

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<b>Software Engineer - SaMa Innovation Labs</b> <i>AI Startup (Worked on Legal Case Management Platform)</i>	Jan 2026 – Present <i>Remote</i>
<ul style="list-style-type: none"><li>Built a production-grade legal case management system built for law firm clients, handling claims, litigants, communications, and document workflows</li><li>Built scalable backend services using Node.js, Express, Sequelize, and MySQL with firm-level data isolation and JWT authentication</li><li>Implemented centralized audit logging with action tracking, failure handling, and field-level changes for compliance</li><li>Designed async workflows including S3-based document ingestion and queue-driven communication systems (cron, retries)</li></ul>	

## PROJECTS

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<b>CodeForge - Distributed Coding Platform</b>   <i>React, Node.js, Express, MongoDB, Docker, Judge0</i>   Live   GitHub
<ul style="list-style-type: none"><li>Designed and developed a scalable full-stack coding platform with asynchronous evaluation pipelines</li><li>Implemented secure multi-language code execution using Docker and Judge0</li><li>Built backend services for submission handling, execution workflows, and test validation</li></ul>
<b>ModelForge - AutoML &amp; MLOps Platform</b>   <i>Python, MLflow, Docker, AWS, FastAPI</i>   Live   GitHub
<ul style="list-style-type: none"><li>Developed an MLOps platform for training, tracking, and deploying ML models</li><li>Integrated MLflow for experiment tracking, model versioning, and artifact management</li><li>Deployed containerized ML inference services using Docker and AWS</li></ul>
<b>TalentForge - Resume Intelligence Platform</b>   <i>Python, FastAPI, NLP, Scikit-learn</i>   Live   GitHub
<ul style="list-style-type: none"><li>Built an AI-powered resume analysis system using NLP for skill extraction and job matching</li><li>Developed REST APIs using FastAPI for inference and candidate ranking</li></ul>

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript, SQL  
**Backend & Web:** Node.js, Express, FastAPI, React, Next.js, REST APIs  
**Databases:** MySQL, MongoDB, PostgreSQL  
**Infrastructure:** Docker, AWS, Prometheus  
**Core Concepts:** Data Structures & Algorithms, System Design, JWT Authentication, AI/ML

## ACHIEVEMENTS & PROBLEM SOLVING

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- Solved 100+ Data Structures and Algorithms problems on LeetCode
- Published research papers on Reinforcement Learning for Memory Management in Language Model Agents and Retrieval-Augmented Generation Systems