

Riddhi Patel

Mumbai, India | +91 96379 59661 | riddhipatel.riki@gmail.com | [linkedin.com/in/riddhi-patel28](https://www.linkedin.com/in/riddhi-patel28) | github.com/riiddhii28

Summary

Backend engineer with production experience across distributed systems and AI applications. Currently on BrowserStack's SDK team working on session lifecycle and telemetry; previously built Django services and document-processing pipelines at LegalGini. IT graduate, CGPA 8.84.

Education

Vidyavardhini's College of Engineering and Technology, University of Mumbai

May 2026

Bachelor of Engineering in Information Technology

- CGPA: 8.84 / 10.0
- **Relevant Coursework:** Data Structures & Algorithms, Database Management Systems, Operating Systems, Machine Learning, Cloud Computing

Work Experience

Backend Intern (SDK Team), BrowserStack

Jan 2026 - Present

- Resolved session lifecycle, capability propagation, and session-linking issues across C#, Ruby, Node.js, Python, and Java SDKs.
- Built FileLock-based leader/follower coordination for distributed Python worker sessions, fixing broken Automate-to-Observability linkage.
- Implemented Reqroll + MSTest flows across SDK, binary (gRPC), and App Accessibility, clearing ~180 framework tests.
- Enhanced framework-detection telemetry and native-SDK adoption tracking feeding BigQuery analytics.
- Led root-cause analysis across 7+ repositories, shipping coordinated SDK/binary/automation fixes that cut recurring failures ~30%.

Software Developer Intern, LegalGini (LegalTech Startup)

June 2025 - Oct 2025

- Built backend services and REST APIs on LegalGini's Django platform, contributing to scalable product architecture.
- Designed Docker and Docker Compose setups for local development and containerized deployment.
- Optimized OCR and document-processing pipelines, improving throughput 87% with PyMuPDF, pdfplumber, and AWS Textract.
- Integrated Redis and Celery for async task execution, reducing request blocking and improving API responsiveness.
- Engineered AI document-analysis pipelines using Gemini, OpenAI, Pinecone, and LangChain for retrieval workflows.

Projects

YogaBliss – Mobile App (Flutter + TensorFlow Lite)

- Built real-time yoga pose detection from camera input using TensorFlow Lite models.
- Achieved 85%+ accuracy across 5 poses with low-latency inference for real-time feedback.

YogaBliss – Web App (MERN Stack)

- Built REST APIs, JWT authentication, and activity-tracking dashboards on the MERN stack.
- Designed MongoDB schemas and backend services for scalable user and activity data.

Leadership & Extracurriculars

- Publicity & PR Head, **VCET Hackathon Committee** – Led outreach across 20+ colleges.
- Joint Secretary, **VCET Core Coding Club** – Organized coding competitions and technical events.
- Organizing Head, **VCET Placement & Training Cell** – Coordinated recruitment drives and workshops.
- Organizing Head, **VCET Women Empowerment Team** – Managed college-level awareness initiatives.

Technical Skills

Programming Languages: Python, JavaScript, C#, Ruby, SQL

Frameworks & Technologies: Django, REST APIs, Redis, Celery, Node.js, Kafka, RabbitMQ, Playwright

Databases & AI: PostgreSQL, MongoDB, MySQL, OpenAI API, Gemini API, Pinecone, LangChain

DevOps & Deployment: Docker, Docker Compose, Kubernetes, Jenkins, BigQuery, AWS Textract, CI/CD Pipelines

Tools: Git, GitHub, BitBucket, GitHub Copilot, Cursor, Claude