

Amol Sahu

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WORK EXPERIENCE

Project Engineer

Jan 2024 - Oct 2024

- Implemented full-stack apps using React, Node Express js, MongoDB.
- Worked in the backend to develop REST APIs, integrate MongoDB/MySQL, and resolve issues.
- Followed Agile process in mini-projects for regular sprint-based deliveries.
- Participated in code reviews, hackathons and debugging sessions for peer learning.

SKILLS

Languages:	C++, JavaScript, Dart, TypeScript, HTML5
Frameworks & Libraries:	Flutter, Node.js, Express, MongoDB, SQL
Tools & Platforms:	Git, GitHub, Docker, REST APIs, Postman
Creative Tools & Abilities:	Photography, videography, 3D animation, Photoshop, Lightroom, DaVinci Resolve, Blender, Unreal Engine

PROJECTS

Dhannalyze

[Github](#)

- Developed a secure mobile application using Flutter and Node.js, featuring a unified loan-insights dashboard, with the backend deployed via Docker and Render for reliable cloud hosting.
- Built scalable backend APIs with Express and MongoDB, implementing an email-OTP login flow and structured data handling for fast, reliable performance.
- Designed a clean and responsive Flutter UI with optional fingerprint-based 2FA, ensuring a seamless user experience and safe handling of sensitive data.

Axiom Custom API Gateway

[Github](#)

- Building a MERN-based API gateway with real-time metrics via WebSockets for request counts, latency, and blocked traffic.
- Added an auto-metric capture proxy to log requests, rate limits, and errors without manual integration.

ACHIEVEMENTS

Published Research Paper

[Paper Link](#)

- Published a research paper on project **Judicial Archive**, a centralized repository website for law students and practitioners. It provides structured access to Supreme Court and High Court judgments, case notes, and legal references across India.

EDUCATION

B.Tech in Computer Science and Engineering

Lokmanya Tilak College of Engineering, Navi Mumbai

2022 – 2026 (Expected)

(GPA: 7.0/10)