

SAHIL M. YADAV

Full Stack Developer

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SUMMARY

Full Stack Developer (React, Node.js/Express, PostgreSQL) with experience building a multi-tenant SaaS platform (tenant isolation + subdomain routing) and deploying production apps on AWS EC2 and Vercel. Additional experience with Java/Spring Boot and Flutter.

EXPERIENCE

Practical14 Infotech | Multi-Portal BNPL & Financial Services

Platform | Client Project

Remote | Tech: Next.js 14, TypeScript, Node.js/Express, MongoDB, Tailwind CSS, Razorpay

- Building multi-portal BNPL fintech platform with role-based access (User/Agent/Employee/Admin) for loan applications, insurance management, and EMI tracking using Next.js 14, TypeScript, and MongoDB.
- Developing 17+ RESTful APIs handling authentication, loan processing, claims, commission payouts, and Razorpay payments.

Fireblaze Technologies Pvt. Ltd | Full Stack Web

Development

Nagpur, Maharashtra (On-site) | Tech: React, Tailwind CSS, Node.js/Express, PostgreSQL, AWS EC2, Vercel

- Built features for ShikshaSaarathi (multi tenant SaaS for coaching institutes) incl. enquiry/lead and HR onboarding modules using React, Tailwind CSS, Node.js, and PostgreSQL.
- Implemented tenant isolation (organization_id scoping) across APIs and SQL queries; prevented cross-tenant access.
- Built subdomain-based tenant routing for custom organization subdomains; resolved tenant context from request host.
- Deployed backend on AWS EC2 and frontend on Vercel; added IP allowlisting for selected tenants; handled production debugging, hotfixes, and releases.

EY GDS | Full Stack Web Development

Remote | Tech: MongoDB, Express.js, React, Node.js (MERN)

- Developed a MERN-stack web app with modular backend services, REST APIs, and responsive React UI; performed API testing/debugging with Postman.
- Integrated REST APIs and implemented dynamic data rendering in React to improve user experience and performance.

AWS Academy AI-ML INTERNSHIP

Remote | Tech: AWS EC2, ML fundamentals

- Practiced provisioning and basic administration of AWS EC2 instances (free tier) as part of cloud learning modules.

CSM IT Services — Salesforce Administrator Intern

Remote | Tech: Salesforce Admin, Workflow/Validation Rules, Process Builder

- Implemented an automated email verification flow that reduced manual verification workload by ~40% (as reported in internship output).

PROJECTS

News Feed App | Flutter, Dart, REST APIs, SQLite

<https://github.com/sahilm Yadav/newsapp-flutter>
Built a real-time news aggregation mobile app using NewsAPI and implemented a Reels style, vertically scrolling reading experience. with responsive UI and clean navigation.

BillEase | Spring Boot, React, MySQL, JWT, REST APIs

<https://github.com/sahilm Yadav/BillEase>

Built a full-stack POS/billing platform with secure REST APIs for products, orders, users, and billing workflows, implementing JWT-based authentication and role-based access control (RBAC) to separate admin and staff actions.

Forest Fire Detection System | Python, TensorFlow/Keras, OpenCV

<https://github.com/sahilm Yadav/firedetection-Ai>

Trained a CNN image classifier using data augmentation, preprocessing, and iterative experimentation, achieving ~92% accuracy and ~0.91 F1 on a held-out test set and improving robustness across varied lighting and backgrounds.

EDUCATION

B.Tech, Computer Science and Engineering — KDK College of Engineering (2021–2025) | CGPA: 7.83/10 | Graduation: 2025
HSC — Vijay Nimbalkar Jr. College (2019–2021) | Score: 89.8%

SKILLS

Languages: Java, JavaScript, TypeScript, Python, SQL, Dart

Frontend: React, Next.js, TypeScript, Tailwind CSS, HTML5, CSS3.

Backend: Node.js, Express.js, Spring Boot, REST APIs, JWT, RBAC.

Databases: PostgreSQL, MongoDB, MySQL

Cloud/Tools: AWS (EC2, S3), Vercel, Docker, GitHub Actions, Linux, Git, Postman

CERTIFICATIONS & ACTIVITIES

- Salesforce Certified Administrator (SCA)
- AWS Academy Cloud Foundations
- Code For Bharat — Season 2 (Tech Masters India), Hackathon Participant
- Presented the "News Feed App" project at SPARK National Conference 2024.