

# SAHIL M. YADAV

## Full Stack Developer

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### SUMMARY

Full Stack Developer with hands-on experience across React/Next.js, Node/Express, PostgreSQL, MongoDB, and cloud deployment (AWS EC2, Vercel, Docker). Also familiar with Java/Spring Boot and Flutter for building full-stack and mobile solutions.

### EXPERIENCE

#### Full Stack Web Developer | Particle14 Infotech| Dec 2025

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

- Built and shipped client projects end-to-end in a startup environment using React and Node.js (UI, APIs, integrations, and feature delivery).
- Managed deployment and hosting on VPS using Docker (containerized builds, server setup, releases/updates); contributed to Flutter modules as needed.

#### Full Stack Web Developer| Fireblaze Technologies Pvt. Ltd | Oct 2025 – Dec 2025

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.

#### AWS Academy AI-ML INTERNSHIP | April 2025 – April 2025

Remote | Tech: AWS EC2, ML fundamentals

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

#### Full Stack Web Developer | EY GDS | Dec 2024 – Jan 2025

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.

#### Salesforce Administrator Intern | CSM IT Services | March 2023 – May 2023

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.