Auchitya Rai

Senior Software Engineer, Forward Deployed Engineer, SDE

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Availability: notice period ends Dec 2026. Open to remote, hybrid and on-site roles.

SUMMARY

Senior Software Engineer and Engineering Lead with 5+ years of experience (5 years 11 months) building scalable, cloud-native web applications with **Node.js, React.js, Next.js, Angular, and TypeScript**. Leads full-stack delivery of an enterprise rebate and channel management platform, owning architecture, database design, Playwright test automation, and CI/CD.

Hands-on with **Generative AI (GenAI), LLM automation, and Forward Deployed Engineering**: works directly with customer teams to scope, build, and ship OpenAI, Airtable, and Zapier solutions in the customer's environment, including automating 80% of appointment bookings for AIanswer.us. Strong communicator who mentors engineers and collaborates with clients and stakeholders across time zones.

SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3

Front End: React.js, Next.js, Angular, Redux, Tailwind CSS, Material UI, Storybook

Back End: Node.js, Express.js, NestJS, REST APIs, API management (Tyk, Apigee), Apache Kafka, Confluent Platform, Microservices, Webhooks, XML integrations, Stripe, PayPal

Gen AI & Automation: Generative AI (GenAI), Large Language Models (LLMs), GPT-4/4o, OpenAI API, Whisper, Prompt Engineering, Airtable Scripting, Zapier, Bubble.io, Xano, GitHub Copilot, ChatGPT

Databases: PostgreSQL, MongoDB, MySQL, Supabase, Firebase, Airtable

Cloud & DevOps: AWS (EC2, S3, Route 53), Google Cloud Platform (GCP), Docker, Kubernetes, OpenShift, Terraform, AWS CloudFormation, GitOps (Argo CD, Flux), CI/CD, GitHub Actions, Git, Bitbucket

Testing & Security: Playwright, Jest, Test Automation, JWT, OAuth2, Okta (SSO), Role-Based Access Control (RBAC)

Engineering Practices: Forward Deployed Engineering, System Design (HLD/LLD), Fault Tolerance, Agile/Scrum, SDLC, Code Reviews

Soft Skills: Communication, Collaboration, Problem Solving, Technical Leadership, Mentoring, Stakeholder Management, Ownership, Adaptability, Remote Teamwork

WORK EXPERIENCE

Engineering Lead

Ness Digital Engineering, Bangalore, India (Hybrid)

Mar 2026 - Present

Enterprise rebate and channel management platform

- Lead full-stack delivery of an enterprise rebate and channel management platform using JavaScript, Node.js, and PostgreSQL.
- Administer the API management platform (Tyk, Apigee): governance, security policies, API versioning, rate limiting, and developer-portal management.
- Design and operate Kafka-based integration workflows on Confluent Platform, including topic configuration and schema design, for real-time data exchange between services.
- Provision infrastructure with Terraform and deliver Kubernetes workloads through GitOps with Argo CD.
- Own database architecture and drive Playwright test automation.
- Use GitHub Copilot and ChatGPT across coding, code review, and documentation.
- Mentor engineers on secure coding, DevOps, and delivery standards.

Technologies: Node.js, JavaScript, PostgreSQL, Playwright, CI/CD, GitHub Copilot, ChatGPT

Senior Software Engineer

Logic Planet IT Services (Infosys), Indore, India

Mar 2025 - Dec 2025

Project: McClatchy Publication platform (CUE Web / Print)

- Built RESTful Node.js services for digital and print publishing workflows.

- Automated news story creation with Airtable and JavaScript, reducing manual editorial work.
- Implemented JWT authentication and role-based access on Google Cloud Platform.
- Improved metadata exchange reliability by 95% with XML pipelines between CUE Web and CUE Print.
- Configured API-management policies (OAuth 2.0, rate limiting, versioning) for partner-facing APIs.
- Deployed containerized services on Kubernetes and OpenShift.
- Forward deployed: worked directly with the client team to scope, integrate with their systems, and ship in their environment.

Technologies: Node.js, Express.js, REST APIs, Airtable, XML, JWT, Google Cloud Platform, CI/CD

Senior Software Engineer

Badkul Technology (Tekizma), Bangalore, India (Remote)

Sep 2024 - Feb 2025

Project: McKesson Lab App and Ontada healthcare platforms

- Built modular React.js front ends with Material UI for 2 healthcare platforms, documented in Storybook.
- Implemented Okta authentication, user roles, and protected routes, cutting authentication issues by 95%.
- Integrated the UI with back-end APIs via Axios, cutting API failures by 80%.
- Optimized React rendering and caching (28% faster) and scaled APIs to 3x peak load at 99.9% uptime.
- Forward deployed: worked directly with the client team to scope, integrate with their systems, and ship in their environment.

Technologies: React.js, Material UI, Storybook, Okta, Axios, Bitbucket, Agile/Scrum

Senior Software Engineer

T-Web Exponent Services Pvt. Ltd, Kolkata, India (Remote)

Nov 2023 - Apr 2024

Project: Trailer Rental Platform and AIanswer.us

- Built AI workflows with Bubble.io and OpenAI APIs, automating 80% of appointment bookings.
- Delivered a rental platform (mobile app and admin panel) with Next.js and Firebase, cutting time-to-market by 78%.
- Built Node.js APIs on Supabase, improving query performance by 80%.
- Raised test coverage to 85% and added auto-scaling for 99.9% uptime during peak promotions.
- Forward deployed: worked directly with the client team to scope, integrate with their systems, and ship in their environment.

Technologies: Next.js, Firebase, Node.js, Supabase, Bubble.io, OpenAI API

Software Developer

Suryavanshi Ventures, Jabalpur, India

Oct 2022 - Nov 2023

Project: Nitecapp and Lucan.io

- Built responsive Next.js applications for Nitecapp with Material UI and Tailwind CSS.
- Built no-code workflows for Lucan.io with Bubble.io, Xano, Airtable, and Zapier.
- Integrated Stripe and PayPal with affiliate support, lifting conversion by 85%.

Web Developer

Obses Technology, Jabalpur, India

May 2020 - Aug 2022

- Built RESTful APIs, cutting back-end response time by 40%.
- Created reusable React.js and Tailwind CSS components, raising development speed by 50%.
- Optimized front-end performance with lazy loading and CDN caching, cutting bandwidth by 60% and reaching Lighthouse scores of 90+.

EDUCATION

Master of Computer Applications (MCA)

Gyan Ganga Institute of Technology, Jabalpur, India

May 2023

Bachelor of Computer Applications (BCA)

Nachiketa College of Advanced Technology, Jabalpur, India

Dec 2020

LANGUAGES

English, Hindi