

SAHIL RAJ

Senior Full Stack Developer

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PROFESSIONAL SUMMARY

Senior Full Stack Developer with close to 5 years building enterprise-grade React.js, Next.js, and Node.js applications for 100K+ users. Delivered 40% UI performance gains, scaled test coverage from 60% to 90%, and engineered AI-powered features using OpenAI API, Claude API, and LLM workflows with prompt engineering and MCP integrations. Deep expertise in frontend architecture, SSR/ISR, design systems, state management, and shipping complex systems in fast-paced Agile environments.

TECHNICAL SKILLS

Frontend: React.js, Next.js (SSR/ISR), TypeScript, JavaScript (ES6+), Redux Toolkit, React Query, Tailwind CSS, Material UI

Backend & Database: Node.js, Express.js, REST APIs, GraphQL, Microservices, PostgreSQL, MySQL, DynamoDB

Cloud, DevOps & Tooling: AWS (EC2, S3, Lambda), CloudWatch, Elasticsearch, Docker, Redis, Webpack, Vite, Git/GitHub, CI/CD, Jira

AI & Testing: OpenAI API, Generative AI (Basic), Prompt Engineering, LLM Workflows, MCP, GitHub Copilot, Jest, React Testing Library

PROFESSIONAL EXPERIENCE

Senior Developer

Jul 2025 – Present

Wipro | Bengaluru, India (Hybrid)

- Architected a healthcare-grade NPI Access Management portal using Next.js (SSR/ISR), TypeScript, and Node.js REST APIs, establishing a reusable component library and design system that enabled secure role-based access workflows for 50K+ users.
- Engineered a scalable frontend architecture with reusable component systems, dynamic form orchestration, and real-time validation schemas, accelerating feature delivery velocity across product teams.
- Mentored a team of 3 junior developers on React.js architecture, TypeScript best practices, and performance optimization, raising code quality and engineering standards across the team.

Next.js (SSR/ISR) • TypeScript • Node.js • AWS (Lambda, EC2, S3) • REST APIs

Software Developer (Promoted to SDE 2, Oct 2024)

Oct 2021 – Jul 2025

Deltak Replicon | Bengaluru, India

- Promoted to SDE 2 (Oct 2024) for technical ownership, cross-team leadership, and consistent delivery of high-impact features across Polaris and Time & Attendance platforms.
- Delivered 6+ major features improving system performance by 30% for a 100K+ user base, leading development of Overtime, Time-Off Approval, and Rest Day Assignment workflows using React.js and Node.js/Express.
- Boosted UI performance by 40% via virtualized lists, optimized Redux state management, and elimination of unnecessary re-renders, improving Core Web Vitals and user engagement.
- Built an enterprise Scheduling UI with a Node.js/GraphQL backend supporting drag-and-drop, virtualized lists, and bulk operations, leveraging AI-assisted tooling to accelerate complex state logic development.
- Scaled test coverage from 60% to 90% using Jest and React Testing Library, driving code reviews and improving debugging and component design practices across the team.
- Managed AWS hosting infrastructure (EC2, S3, CloudWatch) to maintain high availability and dynamic scaling.

React.js • Redux • Node.js • Express • GraphQL • AWS • CloudWatch • Jest • React Testing Library

KEY PROJECTS

Meeting Memo Studio

Next.js 14, TypeScript, Tailwind CSS, OpenAI API, Groq • GitHub: github.com/sahilraj3019/meeting-memo-studio

- AI-powered synthesis platform transforming raw meeting transcripts into structured summaries, decision logs, and action items, built with JSON-mode LLM integration and a custom TypeScript schema normalizer for reliable structured outputs at scale.

Fashion Shot Generator

React.js, TypeScript, TensorFlow.js, PoseNet • GitHub: github.com/sahilraj3019/fashion-shot-generator

- In-browser ML pipeline using TensorFlow.js and PoseNet for keypoint detection to automate garment region extraction from fashion images, enabling near real-time cropping with zero backend ML dependencies.

EDUCATION

B.Tech, Computer Science & Engineering

Sep 2017 – Aug 2021

Mahatma Gandhi Central University, Motihari