

DEEPAK R

Full-Stack Technical Lead | React | Node.js | AWS | AI Integration

+91-7760533959

ravideep1771@gmail.com

[linkedin.com/in/deepak-r-fullstack](https://www.linkedin.com/in/deepak-r-fullstack)

Full-Stack Technical Lead seeking product engineering leadership roles, with experience developing and managing innovative web platforms in healthcare technology and transportation technology, using AI-assisted development to deliver faster with high quality.

PROFILE SUMMARY

- Full-Stack Technical Lead with ~7 years of experience in software engineering, web applications, cloud modernization, and technical leadership across healthcare, transportation, and public safety.
- Strong expertise in React, Node.js, REST APIs, full-stack development, software architecture, Microservices, and performance optimization.
- Led 15-member engineering teams, driving architecture, requirements analysis, technical delivery, mentoring, and production support.
- Skilled in AWS, EKS, Graviton/ARM64, cloud migration, Grafana Cloud, observability, and troubleshooting, delivering ~40% cost reduction and reducing build time from 20–30 minutes to 2–3 minutes.
- Delivered HCBS/EVV, scheduling, reporting, API, digital signature & document management solutions.

TECHNICAL SKILLS

- Frontend:** React, Vite, Reusable UI Components, Dynamic/Data-Driven UI Components
- Backend:** Node.js, REST APIs, Public-Facing APIs, MongoDB, RabbitMQ
- Cloud & Infrastructure:** AWS (EKS, S3, IAM, Graviton/ARM64), Kubernetes, Docker, CI/CD Pipelines (working knowledge)
- Observability:** Grafana Cloud
- AI Tools:** Claude Code (AI-assisted coding, refactoring & debugging), Prompt Engineering, AI-Assisted Development

CORE COMPETENCIES

- Full-Stack Application Development, Software Architecture & Design, Frontend Engineering
- Backend & API Development, Cloud & Infrastructure Engineering, Microservices Architecture
- Production Support & Troubleshooting, Technical Planning & Decision-Making, Engineering Team Leadership & Mentoring

WORK EXPERIENCE

Stratum Care Solutions Inc.

Technical Lead (Contract)

Jul'26 – Oct'26

- Technical Leadership:** Led a 6-member team and modernized a healthcare HCBS platform with ~33 Node.js Microservices on AWS EKS; migrated builds to Vite, reducing build time from 20–30 minutes to 2–3 minutes.
- AWS Optimization:** Migrated EKS workloads to AWS Graviton/ARM64, improving performance ~20% and reducing compute costs ~40%; migrated notification services to AWS, cutting infrastructure costs ~40% within 2 weeks.
- EVV & Observability:** Managed Sandata Alt-EVV/HCPF compliance integration, resolved API sequencing and S3 upload issues, strengthened IAM/Kubernetes RBAC, and implemented Grafana Cloud for centralized monitoring and troubleshooting.

Navjoy Inc.

Tech Lead

Apr'24 – Jun'26

- Engineering Leadership:** Led a 15-member team, translating client requirements into scalable solutions and guiding architecture, development, troubleshooting, and delivery.
- Healthcare Platform:** Designed the production scheduling module supporting 150–200 users and delivered workflows for scheduling, caregiver clock-in/out, manager review, digital signatures, document management, uploads, and submissions.
- Reporting & APIs:** Built configuration-driven reporting, reusable dynamic data tables, and a public-facing API layer for controlled access to system data without login.

Navjoy Inc.

Senior Engineer

Dec'19 – Apr'24

- Full-Stack Development:** Built 10–11 end-to-end full-stack features using React and Node.js across transportation, public safety, and healthcare technology platforms, supporting case management, reporting, data retrieval, and operational workflows.
- Application Modernization:** Migrated front-end applications from AngularJS to React and developed scalable, reusable, configuration-driven interfaces, including summary and detailed case-management views used by approximately 500–600 users per day.
- Performance & Reporting:** Optimized a high-volume React summary page using React Window and row buffering, reducing rendering time to approximately one-third of the earlier duration; developed a reusable report generation framework supporting summary, detailed, and custom reports with minimal configuration changes.
- Workflow & Platform Solutions:** Digitized manual, paper-based operational workflows through structured scheduling, visit management, and reporting capabilities; developed public-facing data-fetching functionality with access restrictions and reusable application components adaptable across multiple product platforms.

EDUCATION

B.E. – Computer Science | Bapuji Institute of Engineering & Technology, Davanagere | 2014 – 2017

Diploma – Computer Science & Engineering | Bapuji Polytechnic Shabanur, Davanagere | 2011 - 2014

PERSONAL DETAILS

Languages Known: English, Hindi, Kannada | Address: Bangalore, India | Availability: Immediate Joiner