

# Adharsh D

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## Summary

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Full Stack Developer specializing in MERN stack and Next.js with 3+ years of experience delivering scalable SaaS and enterprise applications. Improved platform performance by 30% and reduced query latency by 70%. Expert in Next.js 14 (App Router, SSR, ISR, CSR), React.js, Node.js, MongoDB, REST APIs, NextAuth + Keycloak, and SEO optimization.

## Education

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Kerala University, B.Sc. in Computer Science

July 2018 – Mar 2021

## Professional Experience

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Next.js Developer, Enfin Technologies (via Softnotions)

Dec 2024 – Jun 2025

- Developed a multi-tenant SaaS research tool with admin and client portals, integrating FastAPI-based microservices APIs.
- Built secure multi-tenant platforms with role-based access using NextAuth + Keycloak.
- Optimized MongoDB queries with Redis caching, reducing latency.
- Improved SEO by generating dynamic product sitemaps and meta tags from MongoDB in real-time.

Software Engineer, Softnotions Technologies – Technopark

Jul 2024 – Jul 2025

- Engineered multi-tenant SaaS admin portal automating tenant creation across MongoDB, AWS S3, and Keycloak.
- Built internal time-tracking system for 50+ employees.
- Standardized workflows across teams, improving delivery speed under client deadlines.

Full Stack Developer, Scipy Technologies – Trivandrum

Jul 2022 – Jul 2024

- Built real-time parking management system (React + Node.js + Socket.IO) with live slot tracking for enterprise clients.
- Developed and maintained REST APIs powering multiple SaaS products with high availability.
- Selected for geospatial projects with Maptell Geosystems for advanced mapping features.

Frontend Developer, Maptell Geosystems Pvt Ltd – Trinity Solar (via Scipy)

Jan 2023 – Jul 2024

- Built dynamic geospatial features using GeoJSON and MVT layers for solar dashboards.
- Created Thematic Color Generator with Color Brewer and kepler.gl for large-scale field visualization.
- Integrated REST APIs with Redux Toolkit/RTK Query; improved rendering performance through caching and reducing re-renders.

## Technologies

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- **Languages:** JavaScript (ES6+), TypeScript, SQL
- **Frameworks & Tools:** Next.js 14 (App Router, SSR, ISR, CSR), React.js, Node.js, Express.js, Redux Toolkit, TanStack Query, Socket.IO, Tailwind CSS, Material UI, Ant Design, Jest, Git
- **Databases & Caching:** MongoDB, Redis
- **Other:** Keycloak, NextAuth, SEO (sitemaps, meta tags), AWS S3