

# ADARSH KHANDARE

## Tech Lead | Senior Full Stack Engineer (MERN)

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### PROFESSIONAL SUMMARY

Accomplished Tech Lead and Full Stack Engineer with 3+ years of expertise in MERN stack development, leading cross-functional teams and delivering enterprise-grade solutions. Specialized in building scalable web applications, payment gateways, automation tools, and distributed systems. Proven track record of single-handedly developing complex projects including crypto payment systems, browser extensions for e-commerce automation, and bot development for multiple platforms. Experienced in modern DevOps practices, cloud deployment, and maintaining high-performance applications serving global clients.

### PROFESSIONAL EXPERIENCE

#### Tech Lead

May 2025 - Present

##### FlameCloud LLP

Remote (Amravati, Maharashtra, India)

*Leading technical initiatives and development teams while architecting complex full-stack solutions for global enterprise clients.*

- ▶ Promoted to Tech Lead role, managing technical roadmap and mentoring development teams across multiple concurrent projects
- ▶ Architected and developed enterprise-grade applications with advanced backend systems, microservices architecture, and real-time data processing capabilities
- ▶ Built sophisticated automation tools and browser extensions for e-commerce platforms, improving operational efficiency and user experience
- ▶ Implemented advanced bot development and API integrations for multiple platforms, enabling seamless user interactions and automated workflows
- ▶ Implemented microservices architecture with Redis-based caching and BullMQ for background job processing, improving system performance by 60%

#### Senior Software Development Engineer (SDE)

Dec 2022 - Apr 2025

##### FlameCloud LLP

Remote (Amravati, Maharashtra, India)

*Delivered comprehensive website development solutions for global clients while leading small development teams.*

- ▶ Led development teams in project execution, including architecture design, task delegation, code reviews, and timeline management
- ▶ Enhanced business sales strategies by developing detailed product analytics and insights tools with real-time dashboards
- ▶ Integrated multiple payment gateways (Stripe, CashApp, Cryptomus) with advanced fraud detection and transaction monitoring
- ▶ Implemented Docker containerization and CI/CD pipelines, reducing deployment time by 70% and ensuring consistent environments
- ▶ Integrated 15+ third-party APIs including Google Suite (Captcha, Places, Gmail), Shopify, eBay, and shipping providers (USPS, UPS, FedEx)
- ▶ Deployed and maintained applications on Ubuntu servers with Nginx load balancing, achieving 99.9% uptime

#### Full Stack Engineer

Oct 2022 - Dec 2022

##### Techladd

Pune, India

*Developed fintech products for Singapore-based startups focusing on B2B lending and payment solutions.*

- ▶ Built scalable B2B loan management systems, Pay-later solutions, and comprehensive admin dashboards
- ▶ Implemented GraphQL APIs with Nest.js backend, TypeORM for database management, and PostgreSQL optimization
- ▶ Developed email automation systems using Postmark with advanced templating and delivery tracking
- ▶ Created robust form validation systems using YUP and Formik with real-time error handling

#### Intern Full Stack Engineer

Jun 2022 - Aug 2022

##### NovelHub

Jaipur, India

*Developed a comprehensive comics reading platform using MERN stack technologies.*

- ▶ Built RESTful APIs with Node.js and Express.js, implementing JWT-based authentication and authorization
- ▶ Designed and implemented MongoDB database schemas for content management and user data
- ▶ Developed responsive React.js frontend with Redux for state management and optimized rendering

## TECHNICAL SKILLS

### FRONTEND TECHNOLOGIES

React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5/CSS3, Tailwind CSS, Material-UI, DaisyUI, Bootstrap, Framer Motion, Chart.js

### BACKEND TECHNOLOGIES

Node.js, Express.js, Nest.js, GraphQL, RESTful APIs, JWT Authentication, Microservices Architecture

### DATABASES & CACHING

MongoDB, PostgreSQL, Redis, TypeORM, Mongoose, Database Optimization, Query Performance

### DEVOPS & DEPLOYMENT

Docker, Ubuntu Server, Nginx, CI/CD Pipelines, BullMQ, Cron Jobs, Queue Management, Load Balancing

### INTEGRATIONS & APIS

Payment Gateways (Stripe, Cryptomus), Google APIs, Shopify, eBay, Shipping APIs, Telegram Bot API, Discord Bot API

### TOOLS & EXTENSIONS

Chrome Extension Development, Browser Automation, E-commerce Tools, Redux/Redux-Toolkit, State Management

## KEY PROJECTS

### SharableForm - Dynamic Form Builder

Aug 2024 - Sep 2024

Comprehensive form building platform with authentication, drag-and-drop form creation, response collection, and analytics dashboard featuring real-time statistics and responsive design.

Technologies: Next.js, TypeScript, TailwindCSS, Clerk Auth, Prisma, Vercel PostgreSQL

[Live Demo](#)

### Coolers.co Clone

Jul 2024

Advanced color palette generator with smooth animations, export functionality, and responsive design implementation.

Technologies: Next.js, TypeScript, Tailwind CSS, Framer Motion

[GitHub Repository](#)

### BellavitaOrganic.com Clone

Mar 2020 - Jun 2020

Full-featured e-commerce website clone with product grid, shopping cart, filtering system, user authentication, and integrated payment gateway simulation.

Technologies: HTML5, CSS3, JavaScript, Responsive Design

[Live Demo](#)

## LANGUAGES

**English** - Professional Working Proficiency

**Hindi** - Native Proficiency

**Marathi** - Native Proficiency

## INTERESTS

Volleyball

Anime & Manhwa

Technology Research

Open Source

Blockchain

DevOps