**Ravi Ranjan**

**Full Stack Developer | MERN Stack Specialist | Team Lead**

📧 **Email:** [raviranjan35@outlook.com](mailto:raviranjan35@outlook.com)

💼 **LinkedIn:** <https://linkedin.com/in/raviranjan946>

🔗 **GitHub:** <https://github.com/ravi1122>   
📱 **Phone:** +91 8709805710**Professional Summary**

Results-driven Full Stack Developer with **8+ years of experience** specializing in MERN stack development, including **1+ year of international onsite experience** and **3 months in Seoul, South Korea**. Proven expertise in leading cross-functional teams, implementing scalable solutions, and delivering high-quality software products across e-commerce, IoT, and enterprise applications.

**Core Competencies:**

* **Frontend:** ReactJS, NextJS, EnactJS, JavaScript, TypeScript, HTML5, CSS3, Redux, Redux Toolkit
* **Backend:** Node.js, Express.js, REST APIs, GraphQL, Python APIs
* **Databases:** MongoDB, MySQL, SQLite3, Oracle 10g, PL/SQL, DB8
* **Cloud & Tools:** AWS (Lambda, EventBridge, SQS, Cognito, CDK, API Gateway), Azure, Docker, Postman, Webpack
* **Testing:** Jest, React Testing Library, Enzyme, Zypher automation, Play write
* **Architecture:** MACH architecture, Headless commerce, Microservices, Monorepo (Turbo).

**Professional Experience**

**Software Programmer - Full Stack Developer | LKQ Corporation** | *Nov 2023 – Present*

* Architected and developed e-commerce platforms (ECP and CP4L) using **MACH architecture** with **monorepo turbo** structure
* Implemented **headless commerce platform** on AWS stack utilizing Lambda, EventBridge, SQS, DynamoDB, Pinpoint, ECR, and API Gateway
* **Led a team of 10 developers**, ensuring code quality and project delivery timelines
* **Technologies:** NextJS, ReactJS, GraphQL, Node.js, AWS, Commerce Tools, Algolia, Contentful, TypeScript

**Senior Research Engineer | LG Electronics (R&D)** | *Dec 2021 - Nov 2023*

* Developed critical webOS TV applications including Settings, Channel Management, Software Update, and **Personalized Picture Wizard** (new webOS 24 feature)
* Created **Node.js services** for Luna data integration with setting UI services
* **Led a team of 7 engineers** in webOS TV projects, managing full software development lifecycle
* Designed and implemented EPKs (Electronic Program Kits) with custom modifications
* **Key Achievement:** Successfully upgraded Sandstone library across multiple applications
* **Technologies:** EnactJS, ReactJS, Redux Toolkit, Node.js, Docker, Gerrit, DB8

**Senior Engineer | TATA Elxsi (TATA Group)** | *Jan 2020 - Dec 2021*

**Client: Royal Dutch Shell (Netherlands - Onsite)**

* Developed comprehensive IoT dashboard with battery monitoring, events management, and job scheduling
* Implemented **SSO authentication** using OAuth and JWT for enterprise security
* Built full-stack CRUD operations for application, user, and resource management
* **Deployed containerized applications** using Docker and Azure Container Registry

**Client: AEye (US)**

* Engineered autonomous vehicle perception dashboard with **360-degree camera integration**
* Developed **single binary executable** for Node.js server deployment optimization
* Created robust REST APIs for vehicle-to-frontend communication

**Associate Consultant | Capgemini India Private Limited** | *Feb 2016 - Jan 2020*

**Client: Meijer (US Retail)**

* Developed React components for e-commerce checkout module and product listing pages (PLP, DLP, SLP, CLP)
* Implemented comprehensive form validation and resolved critical production defects
* Ensured **W3C compliance** and coding standards adherence

**Client: Cole-Haan (US Retail)**

* Collaborated with business stakeholders for requirement gathering and solution design
* Designed and implemented database objects including stored procedures, functions, and triggers
* Optimized SQL queries using advanced joins and subqueries

**Education**

**Bachelor of Technology in Computer Science |** *AKU Patna, Nalanda College of Engineering* | *2015*  
**Grade:** 75% | **Achievement:** 1st Rank in CSE Department

**Higher Secondary Certificate** | *BSEB Patna, KLS College Nawada* | *2011* | **Grade:** 68%

**Secondary School Certificate** | *BSEB Patna, Gandhi Inter School Nawada* | *2009* | **Grade:** 78%

**Certifications & Achievements**

**Professional Certifications**

* **Algolia Certified Developer (ACD)** - https://academy.algolia.com/certificate/\_XPVFxb8Hw
* **MuleSoft Certified API 3.8 and Integration Developer** - Certificate: 5dfd25ca-c47d-327f-82a1-835d4891732b
* **Aspiring Certified Architect (Level 0)** - Capgemini

**Recognition & Awards**

* **Extra Miler Award** from Director – LKQ
* **Customer Appreciation Award**and Bravo Award - TATA Elxsi
* **Customer Delight Certificate**from Vice President - Capgemini
* Academic Excellence: **1st Rank in B-Tech** CSE Department
* Consistently recognized by clients and management for critical issue resolution and performance excellence

**Key Projects & Technical Leadership**

* **E-commerce Platform Modernization:** Led migration to headless architecture improving performance and scalability
* **webOS TV Applications:** Spearheaded development of next-generation smart TV features used by millions globally
* **IoT Dashboard Development:** Created enterprise-grade monitoring solutions for industrial IoT deployments
* **Autonomous Vehicle Systems:** Contributed to cutting-edge AI perception technology for self-driving vehicles

*Available for immediate joining | Open to relocation | Fluent in English and Hindi*