

Umapathi K

Software Engineer

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PROFESSIONAL SUMMARY

Skilled Software Engineer with **3 years, 9 months of experience** in building **scalable web applications** using modern **JavaScript frameworks and libraries**. Proficient in **React.js, Next.js, Node.js, Nest JS, and Express.js**, with hands-on experience in **frontend development, backend API design, and database optimization**. Experienced in integrating **third-party services** (payments, caching, and AI-based systems) and delivering **production-grade solutions** in **Agile environments**. Strong understanding of **RESTful APIs, GraphQL, AWS, and CI/CD pipelines**. Passionate about **clean architecture, code optimization**, and creating **maintainable, high-performance applications** through collaboration and innovation.

SKILLS

Languages: JavaScript, TypeScript

Frontend: HTML5, CSS3, SCSS, React.js, Next.js, Vue.js, Nuxt.js, React Native, Tailwind CSS, shadCN

State Management: Redux, Context, Zustand

Testing: Jest, React Testing Library

Backend: Node.js, Express.js, Nest JS, GraphQL, REST APIs

Database: MongoDB, SQL, Redis

Cloud: GCP, AWS

Tools & Platforms: Commerce tools, content Stack, Figma, Jira

Source-Control: GitHub, Bitbucket

WORKING EXPERIENCE

NU Logic - Chennai, India

APR 2022-PRESENT

Software Engineer

Project: NeonPixel

Tech Stack: Nest JS , AWS

Responsibilities:

- Built and enhanced scalable UI components for a CTV performance marketing platform, helping transform

Connected TV (CTV) advertising into a measurable, performance-driven channel.

- Implemented an advanced compare analytics feature to visualize and compare key campaign metrics like Google Analytics.
- Developed and integrated a release notes blog editor to manage and publish product updates within the platform.
- Performed bug fixing, UI refinements, and optimization to improve usability, responsiveness, and frontend performance.
- Collaborated on AWS-based integrations and configurations to support smooth deployment and stable operation of frontend features

Project: Leslie's Water Test Migration

Tech Stack: React.js (ShadCN, Tailwind CSS)

Responsibilities:

- Built **reusable UI components** using ShadCN and Tailwind CSS.
- Implemented **feature enhancements** including calendar view, tooltips, optimized PDF rendering, and chart integration.
- Incorporated **client feedback** efficiently to improve user experience.

Project: Rivoli

Tech Stack: Nuxt.js, Nest JS, Redis

Responsibilities:

- Developed and maintained **frontend and backend** modules.
- Implemented **Redis caching** to improve data retrieval and reduce API latency.
- Integrated **Tabby Payment and Widget** in both **frontend and backend**.
- Integrated **Tamara Payment and Widget** in the **frontend**.
- Supported **Arabic site rollout** and resolved related issues.
- Optimized backend **payment flow** for improved performance and reliability.

Project: Reebok

Tech Stack: Next.js, Node.js, GraphQL, AWS

Responsibilities:

- Developed **API endpoints** and key frontend modules.
- Implemented **order cancellation flow** in both frontend and backend.
- Integrated **Braintree, PayPal, Klarna, and Apple Pay** payment systems.
- Implemented **Forter** for fraud detection.
- Debugged and monitored **AWS logs** to ensure system stability.
- Participated in **code cleanup** and performance optimization.

Project: Front Viaje (ADO)

Tech Stack: React.js, Node.js

Responsibilities:

- Assisted with **Node.js version upgrade** and **npm package updates**.
- Resolved compatibility and dependency issues.
- Supported the team during critical project phases.

Project: Eddie Bauer

Tech Stack: Node.js, Braintree, PayPal, Klarna, Apple Pay

Responsibilities:

- Created **API endpoints** and reusable backend methods.
- Developed **reset password functionality** to enhance user account management.
- Worked on **payment integrations** and **Forter fraud detection system**.
- Performed **bug fixing, code validation**, and backend testing.
- Collaborated with senior developers for code quality improvements.

Project: Nuhire

Tech Stack: Next.js, Express.js

Responsibilities:

- Developed and maintained **frontend components** for improved UI performance and consistency.
- Integrated **AI-based resume parsing** in the backend to automate candidate data extraction.

EDUCATION

BE Computer Science and Engineering, **Jansons**

Institute Of Technology, [2018-2022]

CERTIFICATION

- **Apollo GraphQL** - Completed Graph Developer Associate certification program.