AJNASH K
FullStack Developer

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👤 PROFILE

Software Developer with 5+ years of coding experience and 3+ years of industrial experience in **Typescript**, **Node.js**, and cloud solutions. Expertise in building scalable applications using **microservices** and **serverless architecture**. Proven ability to optimize systems and lead teams, delivering impactful projects like ERP systems and funding marketplaces

🧠 SKILLS

- **Languages**: JavaScript, TypeScript, HTML, Python, CSS, GraphQl
- **Databases and Cloud**: MongoDB, PostgreSQL, Redis, AWS, Cloud Computing, CI/CD, Unit Testing, Lambda, OOP, Docker, RabbitMQ, Kafka
- **Frameworks and tools:** Node.js, Express.js, Nest.Js, React.js, Next.js, Prisma, Git
- **Architectures:** Multi-tenancy Architecture, Serverless Architecture, Microservices, Distributed Systems, Event-driven architecture,

💼 PROFESSIONAL EXPERIENCE

NEXTEONS LLP ⬈   10/2023 – 02/2024 │ Calicut, India
Backend Developer
- Architected and implemented scalable **SaaS-level applications** using NestJS, Express, and MongoDB.
- Reduced costs by **30%** through multi-tenancy architecture, optimizing resource allocation.
- Improved system performance by **35%** using event-driven architecture with **message queue systems**.
- Achieved a **50% server cost reduction** by deploying serverless architecture with **AWS Lambda**.
- Designed high-performance database architectures for ERP solutions, enhancing data processing speeds by **40%**.
- Leveraged AWS services such as **EC2, Lambda**, and **Elastic Beanstalk** for deployment and scaling.

CREDOT LLP ⬈   06/2022 – 10/2023 │ Calicut, India
Full Stack Developer
- **Led** a team of **4 developers and 1 designer** to deliver high-quality web applications.
- Directed cross-functional collaboration with 3+ key stakeholders, designing solutions that reduced development time by 25% and ensured on-time project delivery.
- Conducted regular code reviews and mentored junior developers, resulting in a **30% improvement in code quality and adherence to coding standards**.
- Actively participated in the evaluation and selection of new technologies and tools to improve development processes.
- Reduced data importing time by 40% by developing a bulk-importing script for MongoDB, streamlining database operations.
- Improved API performance by implementing GraphQL by creating a recursive function that reduced data retrieval latency by **45% and eliminated n+1 query issues.**
- Enabled real-time data transfer using WebSockets and Firebase, reducing synchronization latency by 40% for 10,000+ concurrent users.

Self Employee   2020 – 2022
Freelance Web developer (Part-time)
Developed 50+ Websites with HTML, CSS, javascript,Bootstrap and other JS frameworks .Managed and deployed websites and web applications

♟ PROFESSIONAL PROJECTS

Eonsbuild.com ⬀
- **Created and Engineered** a Construction Management System, featuring project creation, site survey (recce) management, and BOQ (Bill of Quantities) management to optimize construction processes.
- **Integrated and Enhanced** a Task Management System with features such as chatting, commenting, and scheduling reminders, improving team communication and productivity

NextRealEstate (realestate.nexteons.com)
- **Built** a comprehensive Real Estate Management System, streamlining operations for real estate management.
- **Implemented Key Features**, including a recurring payment system, accounting and transaction tracking, and a scalable notification system designed for diverse user profiles.
- **Automated Bulk Data Import Scripts**, enabling efficient database uploads based on user preferences while maintaining operational consistency and accuracy.

NextERP (erp.nexteons.com) ⬀
- Designed and Developed an **integrated ERP Accounting system tailored for multi-country use**, supporting operations in the UAE and India.
- Implemented Key Features, including **variant-based product creation, production management, sales, and purchase management, streamlining core business processes.**
- **Developed a Role-Based Access Control (RBAC)** authorization design pattern to enhance system security and ensure controlled access.

hivefreelancers.com ⬀
- **Enhanced authentication security** by integrating **OAuth protocols** with Google and Apple, achieving a **50% increase in security compliance and user trust**.
- **Optimized application performance** by reducing **bundle size by 30%** through the development of custom reusable components, significantly improving load times and user experience.
- **Streamlined metrics collection and logging** by implementing an **asynchronous logging system**, increasing system efficiency and data accuracy for better decision-making.

csrkuwait.com ⬀
- Designed and developed **CSR Kuwait**, a funding marketplace connecting entrepreneurs, sponsors, and event organizers.
- **Increased user engagement** by 35% through intuitive UX design and category-specific project filtering.
- **Optimized system performance**, reducing page load times by 50% and enhancing user retention rates.

📁 PROJECTS

VegamJs (lightweight Node js Backend framework) ⬀
A lightweight Node.js backend framework developed with TypeScript for scalable web applications.
- Includes a built-in body parser to convert application/json and application/x-www-form-urlencoded content types into JSON format.
- Supports an Express-like middleware feature for easy extensibility.

NPM :https://www.npmjs.com/package/vegamjs ⬀
SourceCode:https://github.com/Ajnash-ibn-umer/vegamjs#readme ⬀

Oxtel.in (Hostel Booking Service and Guest management tool) ⬀
- **Implemented a modern and responsive UI** leveraging **Tailwind CSS** and **ShadCN components**, ensuring a visually appealing and consistent design across devices.
- Implement Repository Design Pattern for Database Agnostic development and increase decoupling between business and data layers

Database design: https://dbdiagram.io/d/oxtal-u3-66cb4e103f611e76e96b0502 ⬀

🎓 EDUCATION

BTECH CHEMICAL ENGINEERING   2018 – 2022 | Malappuram, India
APJ Abdul Kalam Technological University ⬀
CGPA : 6.87

Science   2016 – 2018 | Malappuram, India
Kerala Higher Secondary Board
Score :73%