Lakshmanan Ravikumar

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Professional Summary

As a seasoned Full Stack Developer with over 4 years of hands-on experience, I bring a deep expertise in building and optimizing dynamic web applications. My skill set spans across modern technologies, including React and TypeScript for crafting intuitive and high-performance front-end interfaces, and Node.js and JavaScript for developing robust server-side solutions. My proficiency extends to working with both MongoDB and PostgreSQL, allowing me to design and manage versatile database architectures that support scalable and efficient data handling.

Skills

- **Prog.Languages:** Javascript, Typescript, Python
- **Frontend:** React, Next.js, HTML, CSS, SCSS, Tailwind CSS
- **Backend:** Node.js, Express.js, Hapi.js, GraphQL, gRPC, Redis, Strapi CMS
- **Databases:** MongoDB, PostgreSQL
- **DevOps:** Docker, AWS (EC2,ECS,ECR,S3), Kubernetes, CI/CD (github)
- **Tools:** Jira, Git, Keycloak
- **Languages:** English, Tamil

Experience

Software Development Engineer - Level II, Vacayoo Solution Sdn Bhd (Remote, Kuala Terengganu, Malaysia)

Jan 2023 - Present

- Integrated frontend functionalities using Next.js, React.js, and Typescript for a Resort/Hotel booking engine application.
- Developed backend logic with Node.js, Express.js, and MongoDB, including Redis for caching and rate limiting.
- Deployed the application using Docker, leveraging AWS ECR ,ECS and EC2 for production.
- Executed a test run of a Dockerized application in Kubernetes clusters to validate functionality in a staging environment.
- Contributed to the development of an Accounts application with Python and PostgreSQL, automating journal creation and providing data visualization.
- Mentored junior developers, resulting in promotions and improved team performance.
  - **Key Achievements:**
    - Optimized APIs, reducing response times by 50%.
    - Established coding best practices to improve code reliability.

Senior Full Stack Developer, Softlets Private Limited (Madurai, India)

July 2020 - Dec 2022

- Integrated frontend functionalities using Next.js and React for asset management systems for the Malaysian government.
- Developed backend services with Node.js, GraphQL, and gRPC, utilizing PostgreSQL for database management.
- Managed AWS EC2 deployments and migrated services from Alibaba to AWS S3.
  - **Key Achievements:**

- Developed a microservice boilerplate, reducing communication delays and improving system performance.
- Optimized software using Next.js features such as SSR and SSG.

Full Stack Developer (MERN), Nyx Wolves (Chennai, India)

Oct 2019 - July 2020

- Developed frontend and backend solutions using the MERN stack for various global clients.
- Developed static sites and improved SEO for marketing and small scale business.

  Key Achievements:
  - Used AR.js and A-frame to develop a qr code when scanned loads AR addvertisment in 3d about the product.
  - Optimized word press for caching based on business requirements.

Planning Engineer, Pipe Hangers & Support PVT LTD (Tanjore, India)

Aug 2017 - May 2019

- Managed material planning and procurement.
- Automated invoice generation using Excel VBA and macros.

Education

B.E Mechanical Engineering, Rajalakshmi Institute of Technology, 2017

References

Pathuvai Raajan
Sr. Full Stack Developer, Vacayoo Solution Sdn Bhd

Hemnath Swaminathan
Full Stack Developer, Softlets PVT LTD