Karunakaran S
Software Engineer

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Professional Summary

Experienced Software Engineer with 5+ years of expertise in developing interactive and dynamic web applications. Highly proficient in React.js, delivering innovative front-end solutions that enhance user experiences. Skilled at leveraging modern technologies to address complex challenges in a rapidly evolving digital landscape. Committed to driving societal and economic progress through impactful software solutions and a dedication to continuous improvement.

Area of Expertise

- **React JS Development:** Highly skilled in React.js, able to create complete, dynamic, and user-centric front-end solutions.
- **Backend Development**: Familiar with Node.js (Express framework), capable of taking on backend tasks, and eager to gain more expertise in building server-side logic.
- **Cloud Computing:** Experienced in deploying and scaling applications using AWS CLI and other cloud services.
- **Serverless Architecture:** Knowledgeable in building serverless applications, leveraging tools like AWS Lambda for efficient solutions.
- **Database Management:** Basic understanding of SQL and NoSQL, willing to expand knowledge and experience in data modeling and query optimization.
- **DevOps:** Familiar with CI/CD pipelines and version control tools like Git to streamline development workflows.
- **Problem-solving:** Strong analytical skills for debugging and resolving issues effectively in front and back-end contexts.

Technical Skills

- **Frontend:** React JS, Redux, Next JS, React Native, JavaScript, TypeScript, Tailwind CSS, Bootstrap, Webpack, Babel, HTML, CSS, and JEST.
- **Backend:** Node JS (Express JS), PHP Frameworks (YII2, CodeIgniter), REST API
- **Database:** MySQL.
- **Miscellaneous:** JIRA, GIT, NPM, Docker, and Dev Container.

Professional Profile

- **Employer:** Concert IDC, Chennai.   **June 2021 – Present**
  Role: React JS Developer.
  Main Skills: React JS, Redux, React Native, Next JS, Node JS, TypeScript, Tailwind CSS, JEST, MySQL, and GIT.

  Achievements: Successfully led and mentored a team of junior developers, providing hands-on training to enhance their technical skills and enabling them to contribute effectively to real-time projects. Played a pivotal role in guiding the team through the design and development of

complex web applications using React.js and Next.js, ensuring high performance and seamless user experiences. Proficiently managed Agile workflows, leveraging tools like Jira to plan, monitor, and execute sprints, resulting in the on-time delivery of all project milestones. Consistently ensured high-quality outcomes through strong leadership, efficient communication, and a focus on scalability and performance optimization.

- **Employer:** MEQUALS Technologies, Coimbatore.   **Feb 2019 – May 2021**
  Role: React JS Developer.
  Main Skills: React JS, Redux, Node JS, PHP Framework (CodeIgniter), JavaScript, jQuery, REST API, PostgreSQL, and GIT.

  Achievements: Started as a trainee and demonstrated rapid growth by quickly mastering modern technologies and frameworks. Excelled as a React.js developer, delivering high-quality, performance-driven applications while consistently exceeding expectations. Successfully worked with Node.js for a few months, showcasing adaptability and a keen interest in backend development. Revamped an outdated project by implementing modern technical stacks, leading to significant improvements in performance, scalability, and functionality. Ensured strict adherence to project timelines and quality standards, while providing technical support and resolving user issues promptly, resulting in enhanced user satisfaction and project success.

Education

- **M.Sc. in Computer Science and Applications - Marked 76%**   **2018 - 2022**
  Ramakrishna Mission Vivekananda Educational and Research Institute,
  Coimbatore – 641020.

- **Diploma in Computer Engineering – Marked 78%**   **2015 - 2018**
  Ramakrishna Mission Polytechnic College,
  Chennai – 600004.

- **SSLC – Marked 77.5%**   **2014 - 2015**
  Government Higher Secondary School,
  Sampathurayan Pettai, Nemili – 631002.

Personal Profile

Father's Name	: Selvam M
Date of Birth	: 20/05/2000
Gender	: Male
Languages	: Tamil and English
Marital Status	: Single