

GIRIDHARAN PARAMASIVAM

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<https://portfolio-chi-ten-55.vercel.app/> | <https://github.com/giridharansivam>

SUMMARY

Dynamic Full-Stack Developer with over 2 years of hands-on experience in React.js, Node.js, TypeScript, and Nodejs technologies. Skilled in developing scalable, high-performance web applications and delivering impactful user experiences.

SKILLS

- Programming Languages: Angular, JavaScript, React.js, TypeScript, C#, Node.js, HTML5, CSS3
- Frameworks & Libraries: .NET Core, .NET Framework, Express.js, jQuery, React, Redux, Next.js
- Databases: Microsoft SQL Server, MongoDB, MySQL, PostgreSQL
- DevOps & Tools: Docker, Jenkins, Git, Visual Studio, Azure DevOps
- Others: Responsive Design, UX/UI best practices, Material-UI, Agile, Scrum, MVC, Microservices
- IELTS Score: 8 (Excellent communication skills), Team Collaboration, Multitasking, Time Management

WORK EXPERIENCE

ReactJs Developer (Part-time)

Genda Software

Remote(Canada)

Jan 2025 - Present

- Designed and implemented user interfaces for client-facing web applications using React.js, TypeScript, and SCSS, Figma improving the overall aesthetic and functionality of the products.
- Enhanced collaboration between design, front-end, and back-end teams, ensuring seamless integration and effective data handling, resulting in smoother user interactions.
- Optimized the performance of web applications by leveraging React Hooks, Context API, and React Router, contributing to faster load times and better user experiences.
- Streamlined feature development by creating reusable components, reducing overall development time and enabling faster iteration on new features.

Associate Full Stack Developer

Virtusa Consulting Pvt Ltd.,

Nov 2021 - Mar2023

- Designed and developed high-performance web applications using ReactJS, Next.js, TypeScript, and modern state management techniques such as Redux. Implemented React Concurrent Mode and Suspense to optimize rendering performance and enhance user experience.
- Integrated MongoDB & Apollo Client, improving API response times and reducing unnecessary re-fetching. Engineered robust backend services using Node.js and Express.js, optimizing data retrieval through advanced MongoDB indexing strategies and MySQL partitioning techniques.
- Implemented Redis caching with intelligent cache invalidation strategies, reducing direct database queries by 40% and significantly improving API response times.
- Enhanced system reliability using Docker, enabling automatic scaling of Node.js services. Implemented and optimized APIs with Node.js and MySQL to support AI-powered functionality.
- Strengthened system security by implementing OAuth 2.0 and JWT-based authentication. Streamlined deployment processes by enhancing CI/CD pipelines using Docker enabling faster feature rollouts.

Junior Full Stack Developer

Vinca Cybertech Pvt Ltd

Mar 2021 - Oct 2021

- Built modular and reusable ReactJS components, optimizing performance using memoization techniques and dynamic imports. Leveraged Next.js for server-side rendering (SSR) and static site generation (SSG).
- Refactored legacy codebases for maintainability and scalability, leveraging TypeScript and domain driven design (DDD) principles to improve code modularity and reduce technical debt.
- Implemented TTL indexes to auto-expire temporary session data, improving storage efficiency. Secured database operations by enforcing Field-Level Encryption (FLE) and Role-Based Access Control (RBAC).
- Supported backend systems with Node.js, integrating MySQL and DynamoDB for reliable data operations. Gained experience in Agile workflows and collaborated using tools such as GitHub.

PROJECTS

- Developed a Portfolio using react.js and tailwind CSS. [View Portfolio](#)
- Engineered a comprehensive full-stack solution using Next.js, Appwrite, Plaid, and Dwolla, delivering both frontend and backend development. Leveraged Appwrite for robust user authentication and database management, while integrating Plaid for secure financial data access and Dwolla for seamless payment processing. Architected the platform to ensure efficient, secure, and scalable financial transactions, enhancing the overall user experience. [View](#)
- LinkedIn Clone: Created a full-stack LinkedIn clone with React and Redux, using Firebase for authentication and real-time updates. [View LinkedIn Clone](#)
- Cover Letter Generator: Developed a dynamic cover letter generator using React.js and Node.js, leveraging OpenAI's API for natural language generation. Built a retrieval-augmented pipeline to generate tailored outputs, showcasing expertise in LLM integrations. [View Cover letter generator](#)
- Developed a supervised machine learning model using raw bicycle theft data from the Toronto Police Data Portal and built web services with Flask for model deployment.
- Developed a React Native tutor app with a Flask backend, enabling class enrollment, appointment booking, session management, and real-time notifications while optimizing API performance for scalability. [View](#)
- E-Book Shelf: Developed a scalable e-commerce platform using .Net Framework, featuring real-time inventory updates, asynchronous order processing, and secure payments with Stripe and OAuth2 authentication.

EDUCATION

Advanced Diploma in Software Engineering Technology

May2023-Dec 2024

Centennial College Progress campus

3.9/4.5

Java EE Programming	Mobile App Development	Web Development
Devops Implementation	DataStructures and Algorithms	API Engineering and Cloud Computing
Bachelor of Engineering - Mechatronics		Mar 2017 - Mar 2021
Dr. Mahalingam college of Engineering and technology		8.7/10

CERTIFICATIONS

- PEGA CertifiedSystem Architect.
- Attended a Workshop on “Artificial Intelligence” conducted by Technophilia Solutions.
- Completed MachineLearning Course offeredby Stanford University in Coursera online.
- Completed Neural Networks and Deep Learning offered by DeepLearning.AI in Coursera online.