

GIRIDHARAN PARAMASIVAM

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

SUMMARY

Passionate Junior Software Developer with experience in building scalable web applications using JavaScript, ReactJS, Node.js, and RESTful APIs. Skilled in Angular, Spring Framework, and Oracle databases, with a strong understanding of AODA/WCAG 2.0 AA compliance and Agile methodologies.

SKILLS

Programming Languages: JavaScript, Java, HTML5, Tailwind CSS, Bootstrap, Material UI

Frameworks: React.js, Next.js (App Router), Spring Boot, Express.js, Node.js

AI Tools: OpenAI, HuggingFace, Anthropic, Llama

DBMS: MySQL, MongoDB, PostgreSQL

Other Tools: Prisma, Docker, GitHub Actions, Figma

SOFT SKILLS:

IELTS Score: 8 (Excellent communication skills), Team Collaboration, Multitasking, Time Management

WORK EXPERIENCE

Virtusa Consulting Pvt Ltd.,

Nov 2021 - Mar 2023

- Built and maintained responsive user interfaces using ReactJS, JavaScript, and modern CSS frameworks like Tailwind, improving performance and user engagement. Designed scalable backend services and RESTful APIs using Node.js, integrating with databases such as MongoDB and MySQL.
- Strengthened system security by implementing OAuth 2.0 and JWT-based authentication, aligning with SOC 2 and HIPAA standards. Streamlined deployment processes by enhancing CI/CD pipelines using Docker and GitHub Actions, enabling faster feature rollouts.
- Collaborated with cross-functional teams, including designers and project managers, to align technical solutions with business goals. Enhanced user experiences by developing responsive applications with React.js and Next.js, integrating scalable AI-driven features.
- Implemented and optimized APIs with Node.js and MySQL to support AI-powered functionality. Collaborated with teams to deploy AI-based solutions leveraging modern LLM APIs like OpenAI and HuggingFace.

Vinca Cybertech Pvt Ltd

Mar 2021 - Oct 2021

- Developed and optimized user-facing applications using ReactJS and AlpineJS, delivering intuitive and consistent user experiences.
- Supported backend systems with Node.js, integrating PostgreSQL and DynamoDB for reliable data operations.
- Gained experience in Agile workflows and collaborated using version control tools such as GitHub and BitBucket.
- Improved deployment efficiency by leveraging Docker and Jenkins, enabling continuous delivery with minimal downtime. Developed modern web applications using React.js, ensuring compliance with usability standards and performance benchmarks. Integrated AI tools into existing applications, improving efficiency and user experience.

EDUCATION

Advanced Diploma in Software Engineering Technology

May2023-Dec 2024

JAVA EE PROGRAMMING

MOBILE APP DEVELOPMENT

WEB DEVELOPMENT

DATASTRUCTURES AND ALGORITHMS

API ENGINEERING AND CLOUD COMPUTING

- Maintained a GPA of 4.1/4.5 while balancing coursework and collaborative software projects.
- Secured 2nd prize for developing a model website for Scarborough Food Network. Contributed to front-end development using HTML, CSS, and JavaScript, implementing engaging interactive features.

Bachelor of Engineering - Mechatronics

Mar 2017 - Mar 2021

- Graduated with a CGPA of 8.7/10.
- Secured 2nd place in a National-Level Paper Presentation on the integration of IoT with automated system
- Served as president of "Factrix" - Department of Mechatronics Association

PROJECTS

- Developed a Portfolio using react.js and tailwind CSS. [View Portfolio](#)
- LinkedIn Clone: Created a full-stack LinkedIn clone with Angular and Redux, using Firebase for authentication and real-time updates. [View LinkedIn Clone](#)
- E-Book Shelf: Developed a scalable e-commerce platform using Spring Boot and Spring Security, featuring real-time inventory updates, asynchronous order processing, and secure payments with Stripe and OAuth2 authentication.
- 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](#)
- 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.
- Built a React.js and Next.js application integrating LLMs using HuggingFace for real-time data generation and OpenAI for intelligent user assistance. Implemented Node.js API handlers with Prisma for scalable backend operations.

CERTIFICATIONS

- PEGA Certified System Architect.
- Attended a Workshop on "Artificial Intelligence" conducted by Technophilia Solutions.
- Completed Machine Learning Course offered by Stanford University in Coursera online.
- Completed Neural Networks and Deep Learning offered by DeepLearning.AI in Coursera online.