Dinakaran Yogidasan, *Software Engineer*

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Results-driven Software Engineer and ReactJS developer with 2 years of experience in building efficient and responsive web applications. Skilled in front-end technologies, including HTML5, CSS3, JavaScript, and ReactJS. Adept at collaborating with cross-functional teams and delivering high-quality code within project deadlines. Passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions.

Skills

Programming Languages	JavaScript (ES6+), Java, Python.
Frontend	ReactJS, Redux, HTML5, CSS3.
State Management	Redux, Redux Toolkit.
UI Framework	Material UI, Bootstrap, Tailwind CSS, Preline.
Version Control	Git, GitHub.
Cloud	AWS.

Projects

Management Tracker, Innova Solutions   *November 2022 to Present*
Junior / Software Engineer
The project's main goal is to develop an efficient project to effectively monitor and track the progress, status, and performance of projects and reports within an organization.

Responsibilities:

- Developed and maintained dynamic and responsive single-page applications (SPAs) using ReactJS.
- Integrated RESTful APIs to fetch and display data, enhancing user interactions and data visualization.
- Utilized Redux Toolkit for state management, optimizing application performance and ensuring data consistency.
- Implemented unit tests using Cypress, increasing code quality and reducing bugs.
- Worked closely with backend developers to define API requirements and optimize frontend-backend communication.
- Used Git for version control and collaborated within Agile development teams to deliver features on schedule.

Environment: ReactJS, Redux Toolkit, Material UI, Cypress, ChartJS.

Billing Sales, Genpact India   *January 2022 to May 2022*
Technical Associate.
Designed and implemented a comprehensive Sales and Billing Record Management System to efficiently manage sales data and billing processes.

Responsibilities:

- Developed a robust billing code to ensure accurate and efficient generation of invoices.
- Created the backend logic for seamless data synchronization with SQL Server 2020 database.
- Designed and implemented an administrative module to facilitate cashier operations.
- Enabled the cashier/admin to add, update, and delete products, as well as generate bills.

Environment: Java. SQL Server 2020, Apache Tomcat.

Eye Tracking Movement-Based Cursor Control System by
Human-Computer Interaction (HCI), Undergraduate project, GTEC   *March 2021 to September 2021*
Python Developer.

Developed an innovative system to control the mouse cursor using eye movement and gestures, employing Python and OpenCV technologies.

Responsibilities:

- Created an intuitive application for real-time eye tracking and accurate cursor control based on eye movements and gestures.
- Conducted data preprocessing and training to optimize the accuracy of eye-capturing movement detection.
- Revamped the testing module, enhancing the efficiency of capturing and tracking eye movement data.

Environment: Python tool version 3.9.2., Open-CV, Agile, Windows.

Organization

Innova Solutions Private Limited   *June 2022 to Present*
Software Engineer   *Chennai, India*

Genpact India   *October 2021 to June 2022*
Technical Associate.   *Chennai, India*

Education

Ganadipathy Tulsi's Jain Engineering   *2017 - 2021*

Bachelor Of Computer Science Engineering (B.E)   Vellore India
With aggregate of 78%.

Don Bosco Matriculation Higher Secondary School   *2016 - 2017*

HSC Board   Vellore India
With aggregate of 72%.

Dr.V. Genguswamy Naidu Matriculation Higher Secondary School   *2014 - 2015*

SSLC Board   Tiruttani India
With aggregate of 86%.

Certification

Completed (JAVA, SQL, Android & Web Technologies)- JAVA FULL STACK WEB DEVELOPMENT

Training from Pentagon Space Vijayanagar Bangalore