

NIVRUTHA BALAJI

Software Developer

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Profile

LinkedIn

Github

EXPERIENCE

Software developer

AspenTech

October 2021 – Present

Eindhoven

- Work with a small team of web developers in an agile environment to build a modular and flexible web application framework that can be designed by the users according to their requirements to compile interactive dashboards.
- Design and develop a module that users can make use of to build web-based process visualization dashboards (SCADA/HMI) using React, state-management system, MobX and animation libraries to perform extensive animation of SVGs.
- Integrate the open-source online diagram software, draw.io, in the application and create custom plugins for the tool.
- Develop new data visualisation features and improve existing features using graphing tools such as d3.js and plotly.js.
- Continuous unit and end-to-end testing of the features developed using Cypress.

Software developer

Infosys

June 2018 – September 2021

Chennai

- Write high-quality, robust production code and collaborate with architects, project managers, and other engineers for a diverse array of projects for a leading telecommunication company based in the US.
- Develop Restful Web APIs using .NET framework which is then consumed in the front-end by AngularJS.
- Design and develop a web based tool to automate tasks performed by operations team using Angular and TypeScript.
- Use Agile/Scrum methodology for software development.

EDUCATION

Bachelors of Technology in Electronics and Communication

SRM Institute of Science and Technology

July 2014 – May 2018

Chennai

CGPA: 8.56

Higher Secondary

DAV Public School

2014

Chennai

Percentage: 91.8

SKILLS

Frameworks

React.js, React Native, Angular, Vue, Gatsby

Languages

TypeScript, Javascript, HTML, CSS, SASS, PHP, C#

Libraries

MobX, Cypress, Redux, GraphQL, MaterialUI, Styled components, React Router, d3.js, plotly.js

Dev tools

Visual Studio Code, Visual Studio, Postman, Git, GitHub, Gitlab, Jira, Azure DevOps, Figma

LANGUAGES

English



Tamil



Dutch



German



PROJECTS

Naamify

React.js, Javascript, CSS, React-Router

Designed and developed a clean and modern website for generating unique Sanskrit names. Utilized responsive design to ensure compatibility across all devices. Deployed on GitHub pages via GitHub Actions.

Marslift

Vue, GraphQL, CSS

A simple application to explore SpaceX. Details are retrieved from the SpaceX GraphQL API.

Profile

React.js, TypeScript, HTML, CSS

A mobile responsive portfolio website that can be used as a template to build a profile.

Slatr

React.js, TypeScript, HTML, CSS

A personal privacy sensitive language simple translation application.

INTERESTS

Finance

Quizzes

Puzzles

Board games

UI/UX Design