

North Goa,  
Goa, India

VIPUL DESSAI

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## Education:

**Major:** B.E in Information Technology - GEC Farmagudi, Goa – May 2016

**Certifications:** MongoDB

**Courses:** Free Code Camp: Web development, Udemy: Advanced Node JS, Udemy: Typescript

## Summary:

- **UI Developer @Persistent Systems | Lead Software Engineer (4 Years)**
- **Software:** [proficient]: Typescript, JavaScript, Node JS, HTML, CSS
- **Frameworks:** [proficient]: React JS, Angular, SASS, [familiar]: HTML Canvas, Three JS
- **Testing:** [proficient] JEST, chai, mocha [familiar]: puppeteer, karma, jasmine
- **CI:** [proficient]: Travis CI
- **Storage:** [proficient]: MongoDB, [familiar]: AWS Buckets, GCP Storage, My SQL
- **Serverless:** [proficient] AWS lambda
- **API:** [proficient]: GitHub OAuth, [familiar]: You Tube, Clarifai (Image Processing)
- **Others:** NPM, Gulp, grunt, webpack, babel, GIT, SVN

## Employment:

### Persistent Systems Limited: Lead Software Engineer

#### Identity Management Core Team – Jul 2020 to Current

- Implemented a Multi lingual system managing text on different modules per user sessions
- Improved the Node JS backend performance using node clusters

### Persistent Systems Limited: Senior Software Engineer

#### Identity Management Core Team - Jan 2018 to Jul 2020

- Leveraged the knowledge of React JS to migrate existing UI rendering to React JS
- Designed an interface to download and upload Excel files with validations
- Creating responsive UI with keyboard accessibility
- Implemented solution to maintain SSO user sessions on multiple node servers

### Persistent Systems Limited: Software Engineer

#### Identity Management Customer Side Customization - Jan 2017 to Jan 2018

- Worked with MVC Architecture to fetch data from APIs using Node JS and render UI
- Designed an interface to download & upload CSV files with validations
- Form validations with dynamic HTML Elements and creating complex payload for APIs

## Software Projects:

**Personal Website** – <https://vipul-dessai.netlify.app>

### SWAK Battery Distribution Business Information Website (<https://swak.netlify.app/>)

- Designed and developed the website without any third-party image sliders, CSS
- Leveraged the lazy loading techniques provided by GATSBY JS framework
- Implemented a CMS system for the application powered by Netlify

### Hacktoberfest 2018 – Real Time Calorie Tracking Web Application (<https://ingredofit-uat.netlify.app/>)

- Integrated the GitHub OAuth for user login
- Validation of Authorization Code in serverless application using AWS Lambda
- GCP Storage and image processing using Clarifai APIs
- Implemented Stateless management of CSRF token, data using encryption and JWT