

# Prithvi M Ramesh

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## PROFESSIONAL SUMMARY:

- Overall experience of ~8 years as a developer and tester and involved in complete project lifecycles including requirement analysis, planning, design, development, testing, delivery of reports and global customer interaction.
- Oversee general project deliverables for our team and coordinate with other team members
- Coordinate with external teams and vendor teams for on various project issues.
- I was on a long career break due to personal reasons and now looking to get back into corporate world

## WORK EXPERIENCE:

- Previously worked in **Infineon Technologies India Pvt. Ltd, Nokia India Pvt. Ltd, Renesas Mobile India Pvt Ltd, Broadcom India Pvt Ltd and Inforce Computing** primarily working on LowLevelDrivers and Mobile platform SW
- **FullStack Web Development** experience of 2 years in MERN (NodeJS/React) stack and various other packages

## TECH SKILLS:

- **BackEnd:** NodeJS, MongoDB, ExpressJS, NodeJS Internals
- **FrontEnd:** React, Redux, HTML, CSS Frameworks
- **Programming Language:** JavaScript

## FULL STACK (MERN) WORK EXPERIENCE

### E-COMMERCE PROJECT:

- **Description:** It is a full scale generic E-commerce project built using MERN stack with backend using NodeJS with Express framework. Front end is developed with React with react-bootstrap CSS framework and Redux for global state management. MongoDB Atlas is used as the cloud database
- **Main features:**
- Has Functionality for admin, logged-in users and non logged in users.
- Functionality for registered users include: Register/Login, profile actions, users orders, Shopping cart functionality and payments
- Functionality for admin includes: A dashboard functionality for : All order details, get all product lists, create a product, get all users list, edit/delete users, real-time chat functionality with multiple users using Socket IO (currently implementing..) and analytics for comparison of data using charts
- Implements pagination, sorting, searching, filtering, and ratings.
- Global state management for cart functionality, logged in users and products are developed using redux
- Uses react-bootstrap as CSS framework
- Each product has its description and images. Logged in users can write reviews and give ratings.
- Landing page has slider for best selling products and products displayed based on categories. Also has a navbar having search and cart functionality and user actions

- Images for products are stored using clouinary service
- **Backend details:**
- Implements role based authorization(admin/user) for routes and Cookie based JWT authentication
- MongoDB Schemas: 5: User, Product, Order, Review and Category
- Routes and Controllers: 5: users, products, orders, categories and payments
- Total APIs: 29: CategoryController: 4, orderController: 7, productController: 9, userController: 9
- Testing using the Jest framework, Postman and Imsomnia  
Role: Individual Contributor.  
Responsibility: Designed backend , front end, implement all the features.  
Testing using Jest in process.  
New feature of RealTime chats with SocketIO is being implemented
- **Roles and Responsibilities:**  
Role: Individual Contributor.  
Responsibility: Designed backend , front end, implement all the features.  
Testing using Jest in process.

### **Vikas Job Tracker App:**

**Description:** MERN stack project with NodeJS with Express framework and MongoDB Atlas for database operations and mongoose as database abstraction layer.

Front end uses React and global state management is implemented using React ContextAPI

**Main Features:** It is a Job tracker App where in a user can track all the jobs and update the status of the jobs. User can also create a job and post it. Also provides a chart for better view for frontend visibility.

**Main Functionality** includes user actions like registration, login, logout, updateUserProfile and jobs actions like create/edit jobs, delete and jobsStats  
Testing is done using Postman

- **Backend details:**
- MongoDB Models/Schema : 2: Jobs Model and UserModel
- Routes and controllers: 2: auth and jobs
- AuthRoutes: Register, Login, Logout, updateUser, getCurrentUser
- JobsRoutes: createJob, deleteJob, getAllJobs, updateJob, showStats
- Total APIs: : 10
- **Roles and Responsibilities:**
- Role: Individual Contributor.  
Responsibility: Design, develop and test the whole project using MERN stack  
Performance benchmarking and improvements for the backend

### **VIKAS DEVELOPER CONNECT:**

#### **DESCRIPTION:**

- **MERN** stack based project
- **Backend** uses NodeJS, express framework and mongoDB Atlas for database operations and mongoose as database abstraction layer
- **Frontend** uses React and Redux for global state management
- **Purpose:** Small social network/forum for vikas's (viksys.in) developer community

- **Main features:** Registration, create profile with many fields(like education, job experiences etc)
- Registered users can create Posts, discuss / comment on the created posts, delete own posts, and can like and unlike the posts
- **Models: 3** : User, Profile, Posts
- **Routes and controllers:** 4: users, auth:, profile, posts
- **Total No of endpoints:** 20
- **Roles and Responsibilities:**
- Role: Individual Contributor.  
Responsibility: Design, develop the front end using react. CSS is done by my colleague

### **Viksys.in:**

**Current viksys.in website of vikas institute. Contributed to backend functionality using NodeJs**

#### **JOINING PERIOD**

- Under 2 weeks