

# AKASH M KILLIKYATAR

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## OBJECTIVE

Organized and hard-working employee looking for an opportunity to join as a Web Developer. Looking to take advantage of my skills in Web Development and create responsive web design using latest technologies like ReactJS, HTML5, JavaScript, CSS, MongoDB, Express, and NodeJS. And also to pursue a challenging career and be a part of progressive organization that gives a scope to enhance my knowledge and utilizing my skills towards the growth of the organization.

## PROFESSIONAL PROFILE (EXPERIENCE: 1 YEARS 9 MONTHS)

- **CURRENT ORGANIZATION** : QUEST Global Engineering Services
- **CLIENT** : Alstom/Bombardier Transportation (TCMS)
- **DESIGNATION** : Test Engineer
- **DURATION** : Jan 2021 - Present

## SKILLS ACQUIRED

- Proficient in Software Development Life Cycle in compliance with EN-50657 Rail Standards.
- Hardware Software Integration (HSI) testing of TCMS (Train Control Management System).
- Work independently to create, maintain and execute automation and manual test plans.
- Work pro-actively in problem solving, debugging and focus on solutions.
- Providing Training for the System Level to New Joiners.
- Knowledge on Configuration and Change Management Tools.

## Tools Proficiency

- Virtual Trains and Test Racks, DOORS, Serena Dimensions, RTC (RQM, CCM), MTF, DCU Term, MTVD, Visual Studio-2010.
- Visual Studio Code, Postman, Robo 3T.

## PROJECT UNDERTAKEN

**PROJECT TITLE:** Functional Testing of Train Control Management System (TCMS) used in High-Speed Trains/ Metros.

- **Hardware Software Integration Testing** of TCMS, with other systems in the Train.
- Create and execute test cases/scenarios for Software Requirement Specification for New/Changed Requirements including safety related requirements.
- Designs, builds, develops and executes manual or automated test scripts.
- Analyze test results and create test reports subsequently communicating reports to project team.
- Working on Simulation Bench, Unit testing, HW-SW Integration Testing, Component testing, System Testing, Black box Testing.
- **System Testing of TCMS** with ABDO (Automatic Selective Door Operation) and CSDE (Correct Side Door Enable) as subsystem.
- Finding of bugs/defects in the software & performing Failure analysis of the functionalities

- I have been involved in doing Regression Testing.

## PERSONAL PROJECTS

### **PROJECT TITLE: JOBIFY** (<https://finddreamjob1.herokuapp.com/>)

It is a Full stack application developed using MongoDB, Express, ReactJS and NodeJS technologies.

Objective of this application is to create the dynamic and interactive website to monitor the job applications applied over the years for various positions and company. Core features of this application includes user authentication, job stats, edit job application, delete application and filter all jobs.

#### **Skills Acquired:**

- Developed application using React while managing the states through react context and it helped to save user's time.
- Designed an integrated database using MongoDB that leveraged the react architecture to yield user friendly response.
- Learnt how to connect Front-End application (React) with Backend application (Express, MongoDB, NodeJS).
- Learnt how to add normalize.css and global styles to React Application
- Learnt how to implement React Hooks, Async/Await, React Router 6, Axios.
- Learnt how to implement JWT for authentication and authorization.
- Learn how to deploy MERN app on Heroku.

### **PROJECT TITLE: Hospital Website** (<https://akash7422.github.io/Akash-Hospitals/>)

It is responsive website developed using HTML, CSS and JavaScript to book an doctors appointment.

Objective of this application to Design and establish user-friendly website. Core feature of this application includes the objective of the hospital, services provided by the hospital, details about the doctors and their skills and their contact details (twitter, WhatsApp and Facebook) and book an appointment with the particular doctors.

#### **Skills Acquired:**

- Learnt how to use various HTML tags.
- Learnt how to beautify the HTML elements using CSS.
- Learnt how to use the BOOTSTRAP library,
- Learnt JavaScript ES6 concepts.
- Learnt how to send an email using the MailChimp server.

### **PROJECT TITLE: Portfolio Website** (<https://akashmkportfolio.herokuapp.com/>)

It is portfolio website developed using HTML, CSS and ReactJS. Main objective was to create unique way of showcasing your work and skill set to others about yourself.

#### **Skills Acquired:**

- Learnt how to create responsive website.
- Designed frontend with HTML5, CSS3 and ReactJS version 18.x.
- Created mobile responsive user experience with CSS grids that allowed for best user view.
- Learnt how to do DOM Manipulation.
- Integrated with email server to get the emails from others.

## EDUCATIONAL QUALIFICATION

| Class/Course                                      | Name of the Institute                                 | Year of passing | Marks      |
|---|---|-----------------|------------|
| BE<br>(Electronics and communication Engineering) | M V Jayaraman College of Engineering, Bangalore (VTU) | 2016-2020       | 8.58(CGPA) |
| PUC   | Karnataka Science College, Dharwad                    | 2016            | 85.33%     |
| SSLC  | G.H.S Shadaguppi                                      | 2014            | 89.44%     |

## PERSONAL PARTICULARS

- **Date of Birth:** 27/06/1998
- **Gender:** Male
- **Address:** - #208 1<sup>st</sup> cross Shadaguppi, Near Govt High School, Akkialuru, Haveri, Karnataka.
- **Linguistic Proficiency:** Read: - English, Hindi, Kannada  
Write: - English, Hindi, Kannada
- **LinkedIn Profile:** [www.linkedin.com/in/akash77502a185](http://www.linkedin.com/in/akash77502a185)
- **Nationality:** - Indian

## Declaration

I hereby declare that above information is true to the best of my knowledge.

**Akash Killikyatar**