**Deepak Pahawa** Email: [deepakpahwa19@gmail.com](mailto:deepakpahwa19@gmail.com) M: +91-9963976068 [LinkedIn](https://www.linkedin.com/in/deepakpahawa/)

Software Automation Engineer

A believer of excellence, having the zeal to up-skill, being efficient & productive for the company & develop as well as diversify my professional skill set. Want to work on challenging projects & create a positive impact on the company’s output in real-time.

**Expertise**

* Architecting the entire application from scratch to make it highly scalable keeping views separate from logic so that same logic can be used for react-native application as well.
* Developed a progressive web apps (PWA) with offline support so that application let user use the application without connecting to internet and update the server when user comes online using service workers and redux-offline library.
* Separation of concerns and Don’t Repeat yourself (DRY) are my handy tools to develop any application.
* Building small components and compounding them to create a feature, which can be plugged-in at any location in the application.
* Testing the application with TDD and BDD approach to achieve 85% code coverage.
* Leading a team of 5 developers to deliver efficient and effective code on time delivery.
* Architecting to leverage REST API calls from any component to connect applications to the backend.
* Reviewing code developed by the team members and guiding them to write better code.

**Technical Skills**

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| --- | --- |
| Languages | JavaScript, TypeScript |
| Front End Development | ReactJS, Redux, Redux Saga, Redux-offline, HTML, CSS, Styled-Component Material-UI  Es-Lint, Prettier |
| Back End Development | Node.js, Rest API |
| Version Control | GIT |
| Build Tools | Webpack |
| CI/CD | AWS, Docker, Jenkins |
| Tracking Software | Splunk, Adobe Analytics |
| Offline library | Service-workers, Redux-offline |
| Package Manager | NPM, Yarn |

**Contribution to Open-Source community**

**Project:** [**Multi Color Bookmarks Flow wise**](https://marketplace.visualstudio.com/items?itemName=DeepakPahawa.flowbookmark&ssr=false#overview)

A language and framework agnostic Visual Studio code extension to mark the piece of code in codebase and jump later.

* User can bookmark a line of code for a particular flow like Activation, Payment etc. and clicking on the bookmark in sidebar will open the file and jump to line.
* Saved bookmarks can be shared between the colleagues by exporting and importing features
* MCB saves around 70% of analysis time for team members.

**Tech Stack**: TypeScript and VS Code extension API library

**Downloads**: 3700+  
**Rating**: 5 stars (10)

**Experience – 11 years**

**Project: Webex Assist** June/2021 – Till DateCompany: IMI (Part of Cisco) + Cisco

Software Engineering Technical Leader

**Webex Assist** enables host to interact with guest through video call using WebRTC technology and provide lot many features to take control of guest mobile using socket, like switching camera, turning on flashlight, annotating on guest screen etc.

* Developing the application features using React, Redux and integrating REST API, Socket events and Vonage API.
* Re-Architecting the entire application by implementing **Separation of Concern** and **Don't Repeat Yourself** concepts to make it scalable and maintainable.
* Leading a team of 5 members, deciding the technical approach for each feature, guiding the team and reviewing their code for delivering effective product timely.
* Writing unit and integration test scripts for all possible use cases and achieving code coverage to 85%.
* Reviewing the PRs, merging and deploying the code to different preprod environments using Docker and AWS and handing over to QA to start testing.
* Introduced Gantt chart for dev tasks for each sprint to get the clear picture of the sprint progress on daily basis, increased the clarity of sprint progress to 70%.

**Project: CAMPS** Nov/2015 – June/2021Company: Intuit

Senior Staff Software Engineer Payroll: Altimetrik

**CAMPS** is a module of micro-front-end architecture which enables user to change settings for their subscriptions like activate, cancel, resubscribe, payment etc. and settings for user profile.

* Designed and developed the features in ReactJS using Styled Component for style and Redux for state management, prevented unnecessary re-render of the components.
* Implemented design patterns like HOC, error boundary, compound component and flexible compound component for developing highly scalable application, adding a new feature becomes very easy.
* Developed the Mobile-first design responsive Progressive Web Apps (PWA) with React, Redux and Material UI, covering all the device resolution from mobile to desktop.
* Implemented the offline functionality by using service workers and redux-offline library, it improves the user reliance on the app as it works in without internet too.

**Project: Cash Workflow** Dec/2014- Nov/2015

Senior QA Analyst Company: Wells Fargo India

**Cash Workflow** is an application which manages the loan request, different level of approvals, disbursement for all kinds of loan.

* Developed automation testing script with Selenium and Java.
* Deployed the scripts to run every single day using Jenkins.
* Developed and maintained readable and reusable TestNG hybrid framework including Touch actions swipe, tap etc.

**Project: All IP fulfillment** Mar/2011- Nov/2014 [Client: Swisscom]

Software Test Engineer Company: Tech Mahindra

**All IP Fulfillment** project handles all the new copper and fiber connection for broadband in Switzerland. It identifies the copper/fiber line availability of the location, device compatibility, billing and processing the request to all telecom systems including BSCS and PTE.

* Performed integration tests to test the compatibility between all telecom systems.
* Performed functional, compatibility, sanity and smoke testing for every new developed feature.
* Performed regression testing after completing the feature testing.

**Awards & Recognition**

* Awarded with Digital Disruptor award and $1000 for developing[**Multi Color Bookmarks Flow wise**](https://marketplace.visualstudio.com/items?itemName=DeepakPahawa.flowbookmark&ssr=false#overview) which saves up to 70% of analysis time.
* Recognized as a Trend Setter for being the first employee who transformed himself from Tester to Full Stack Developer along with project deliverables.
* Awarded with Spot Excellence award for consecutive 4 years.

**Education**

2010 Master of Computer Applications from Uttarakhand Technical University, Dehradun, India

2007 Bachelor of Science (Mathematics) from HNBG University, Srinagar, India

**Interests**

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| **Meditation** | Helps me to keep myself calm and organized |
| **Reading Books** | I gain knowledge by reading books |
| **Blockchain Enthusiast** | Read about Blockchain and invest in cryptocurrency |

**Personal Details**

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| **Language Known:** | English, Hindi |
| **Location:** | Bangalore, Karnataka, India |
| **Marital Status:** | Married |