



## ASHUTOSH BHAGWATPRASAD DWIVEDI

### WORK EXPERIENCE

#### Senior Frontend Software Engineer | BrowserStack

September 2021 - Present

- ◆ Foundation and execution of new frontend MonoRepo codebase for newer products of BrowserStack.
- ◆ Laid Down the foundation of Component Library based on the newer Design System, Bundled it with Vite For Tree-shaking, Published it with github packages for versioning, Integrated it with Storybook for Documentation and Reference
- ◆ Pioneered architecture for Desktop App Development using Electron.js in Browserstack
- ◆ Integrated and Migrated newer repo code to Legacy codebase to avail plugins in flagship products.
- ◆ Authoring technical and API specifications, collaborate with designers and product managers to estimate, plan and release features in an agile environment.

#### Senior Developer | Salt-Tech Services LLP

March 2021 - September 2021

- ◆ Leading the development and planning the architecture of project structure based on client requirements.
- ◆ Designing and planning the API structure for backend junior devs to ensure seamless database communication.

#### Systems Engineer | Tata Consultancy Services

November 2018 - March 2021

- ◆ Development and logical implementation of various website designs in AngularJS, Angular 5, 8.
- ◆ Designing and Implementing APIs in JAVA to provide extraction of data via the backend.
- ◆ Leading a team of 2 junior developers and co-ordinating their tasks, reviewing their pull requests.

### PROJECTS

#### VidChipper

FFmpeg.wasm, React 18, TailwindCSS, HeadlessUI, Vite

A Web-Assembly powered website to Clip, Convert or Split Videos into equal parts for social media, right in the browser runtime, without any backend.

#### BrowserStack App-Performance Desktop App

Electron.js, Forge, node.js, Vercel Turborepo, Webpack

A Desktop app for Windows and MacOS that spawns a localhost server on user's machine using node.js, to run and detect performance issues in their mobile apps, and represents the results in graphical form.

#### BrowserStack Speedlab

Ruby on Rails, React Portals, Redux Toolkit, Web-sockets

A website performance benchmarking tool, enabling users to test performance on real/actual devices, conduct competitor comparisons, and schedule continuous monitoring of website performance, for free.

#### Beny Benefits Mobile App

React Native, React-Redux, React-Navigation, Firebase FCM

A third-party service aggregator application on Android/iOS for clients, using Push Notifications and Stripe payment API.

#### Client Register

Angular 5, Firebase DB, Cloud Firestore

A Mobile-first responsive registry CRUD app that manages and searches clientele policies for insurance agents.

### SKILLS

Electron.js, Node.js, React 17+, Angular 8-13, React-Native, Javascript(ES2018), jQuery, Redux, Redux Toolkit, Tailwind, SCSS, Java 8, MySQL, Adobe Photoshop

### TOOLS

Vercel Turborepo, Vite, Webpack, Storybook (Chromatic), npm/nvm/pnpm, Resource Override, VS Code (with ESLint), Auto-prefixer, RTL-CSS(Arabic), Git

### EDUCATION

Bachelor's Degree Of Engineering | Information Technology

2014 - 2018