



## ASHUTOSH BHAGWATPRASAD DWIVEDI

### WORK EXPERIENCE

#### Senior Frontend Software Engineer | BrowserStack

September 2021 - Present

Architect and formulate technically robust, flexible, and scalable frontend solutions.  
Collaborate with designers and product managers to estimate and plan projects in an agile environment.  
Authoring technical and API specifications, developing a roadmap for system growth & codebase scalability.  
Mentoring and supporting a team of 2 juniors, reviewing their implementations, establishing best practices for development and ensuring their adoption.

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

March 2021 - September 2021

Leading the development and planning the architecture of project structure based on client requirements for the team to be followed. Designing and planning the API structure for backend junior devs to ensure seamless extraction and population of the database.

#### Systems Engineer | Tata Consultancy Services

November 2018 - March 2021

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

### 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, Vite, 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

VS Code (with prettier & ESLint), Vite, Webpack, Storybook (Chromatic), Vercel Turborepo, pnpm, Auto-prefixxer, RTL-CSS(Arabic), Git.

### EDUCATION

#### Bachelor's Degree Of Engineering | Information Technology

2014 - 2018

#### Class XIIth | HSC - Science

2012 - 2014