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Rajat Sharma

SKILLS

Languages and Frameworks

JavaScript and Node, Purescript, Haskell, **React and Redux with SSR**, Babel, Webpack, GraphQL, Leaflet, Express, AngularJs, MongoDB, MySQL, Electron, **Progressive Web Apps** and WebAssembly in Rust.

Tools and Application Deployments

AWS Lambda, Serverless, Firebase, Elastic Beanstalk, AWS Cloudformation, S3 and EC2.

EXPERIENCE

WedmeGood, Gurgaon – Fullstack JavaScript Developer

AUGUST 2017 – PRESENT

- **Re-created wedmegood.com from the ground up** using React, Redux and Webpack.
- Created a **Progressive Web Application** on React and Redux with offline support, Code Chunking, to get **less than 2s load time** on Mobile Devices even on slow network.
- Created Blog based on **Google's AMP** and React for faster web experience.
- Established Node based **Microservices Architecture** with AWS Lambda and AWS Cloudformation with services consisting of GraphQL based API.
- Created **Redux based Telemetry Platform** to send signals about User Experience of the website.

Open Source Contributions

JULY 2015 – PRESENT

- [Elementary](#): Ultracommon React Components powered by Functional Lenses.
- [Arcana](#): Plug and Play Loader Configuration via Webpack Plugins.
- [Treehopper](#): Babel Plugins for Optimized Javascript.
- [Purs-loader](#): Webpack Loader for compiling Purescript Files with support for hot reloading.
- [Hellpack](#): Common Eslint, Prettier, Webpack and Babel Config.
- Created multiple, ready to use boilerplates for development on React-Redux and Node, Express and GraphQL.
- Published multiple [NPM modules](#) with more than **150 downloads in a day**.

For a better insight on my projects please visit github.com/rajatsharma or <https://www.npmjs.com/~rajatsharma>

ABCPlusD, Gurgaon – *Fullstack JavaScript Developer*

AUGUST 2016 – JULY 2017

- Created multiple Web Applications on AngularJs namely [Dauble](#), [Dauble Business](#) and [Dauble Admin](#).
- Developed Android Application for Dauble using **Reactive Programming in Java** using RxJava.
- Created **Pre-rendering Server** based on PhantomJs and Node for **better SEO** of the websites based on AngularJs.
- Created an internal application based on Node, a **Geotransformer** to convert raw Geodata collected by Surveyors to machine readable and Network Serialised GeoJSON and storing that in MongoDB.
- Created a **Realtime Geographical Information System** on React, Redux and Leaflet to help Pipeline Engineers to keep track of stages of construction along various geographies.

IBM, Global Remote Mentoring Program – *Intern*

JUNE 2015 – JULY 2015

- Developed an [Android Application](#) to **track position of a person without GPS** using Cell Signal Triangulation and the movement using various Android Sensors like Accelerometer Sensor, Orientation Sensor, Gravity Sensor, Gyroscope and Motion Sensors like Rotation Vector Sensor and Step Detector Sensor.

Ocean Plugin Competition

FEB 2015 – APRIL 2015

- Developed a plugin in Petrel using C# that generates Depth Model from Time Model by doing Regression Analysis of Time and Depth Data.

EDUCATION

University of Petroleum and Energy Studies, Dehradun – *B.Tech Computer Science with Specialization in Oil and Gas Informatics*

2012 – 2016

ACHIEVEMENTS

- **Written 7 articles** on [Medium](#) about Functional Programming in JavaScript, **5 of them are published** in renowned Developer's publications like Hackernoon, Codeburst and Netscape.
- **Over 1.2K applauds** on one of the article called Functors in JavaScript.
- Published two utility Applications and one Game at Google Play Store.
- IT Head at Society of Exploration Geophysicists, A University of Petroleum and Energy Studies Geophysical Society, for the year 2014-2015.
- Worked as a Mobile Application Developer, Developing Mobile Applications for the Nokia S40 and Nokia S60 Symbian Platform.