

ALOK VISHWAKARMA

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FRONT END DEVELOPER

website: <https://alokkarma.github.io/>

Innovative Front-End Developer with 8.6 years of Expertise in Front end development & Design, developing cost effective, high performance web applications. Proficient in HTML, CSS, JavaScript, Object Oriented JavaScript and modern Frameworks libraries. Passionate about learning new technologies.

KEY SKILLS:

Front – End

- HTML/HTML5
- CSS/CSS3/SCSS
- JavaScript, OOJS
- jQuery
- AngularJs 1.3
- Angular 2/4/7
- React Js 17, Redux
- React Material UI
- Bootstrap3-4
- PrimeNg, Chart Js
- ES6/ES2017
- Typescript/RxJs
- JWT

Back – End

- Java 8
- Sprint Boot
- JPA
- Express Js

Databases

- MySQL
- Mongo DB

SDLC

- Github/Perforce
- AWS S3/EC2/ELB
- Jenkins

Testing

- Karma/Jasmin
- Junit Mockito

EDUCATION:

B. Tech (CS) UPTU 71.6% 2008-2012, **HSC** CBSE 77.9% 2007, **SSC** CBSE 85.0% 2005.

ACCOMPLISHMENTS:

- Contributed angular plugin to **NPM ORG** plugin name is [nga-read-more](#) .
- Implemented local npm repository using Sinopia at Org level for sharing reusable component like authentication, read-more and file upload. Which we can be used in multiple projects.
- Created our own complex tree table with features like searching sorting and lazyloading.

PROFESSIONAL EXPERIENCE:

Xilinx Technology Services

Sr. Software Engineer 1

June-2018 to Current

Unrestricted

Project : XOAH – Xilinx Operational and Analysis Hub
Technology : Angular7, Chart Js Bootstrap4, Spring boot, Okta, KAFKA, Elastic Search
Responsibilities:

- Designing the page layouts from scratch. Written reusable components and custom CSS for webpages.
- Implemented custom complex nested tree table with features like searching sorting and lazy loading. Using template recursion in angular.
- Dynamic customization of preferences column sorting and personalization. Decreased the page load time using caching mechanism.
- Performing bug fixes and code review. Reduced the DRY code from 400 lines to ~80 using.

Projects : YODA Portal, RSH, XCITE2
Technology : Angular7, Bootstrap4, angular material, Java Spring boot, MSSQL, ES, Okta JPA, JUnit, Charts, JavaScript.

Responsibilities:

- Draft and maintain business requirements and align them with functional and technical requirements. Identify root causes and corrective actions to meet short and long-term business goals.
- Developed reusable components and shared with local npm repo which saved development time in other projects.
- Leading development team in technical design, planning and implementation of UI components.
- Working directly with Business users, developers, project managers, systems analysts.
- Automated the process in XCITE project of Idea submission, approval process and document storage.
- Integration of Okta authentication, calendar-heatmap in angular app.
- Implemented customized Bar, line and Pie chart in admin dashboard.

Qualcomm Inc.
Sr. Programmer Analyst

June-2015 to June2018

Client : Qualcomm Inc.
Projects : DIRBS, Survey Builder, QJET, IPIT, Treasury Tracking.
Technology : Angular4/7/Js, ReactJs, Redux, jQuery, Bootstrap4, Angular material, Java Spring boot, JPA, MySQL, Grails, Node Js, Mongo, Express, SASS, JavaScript Junit, Mockito.

Responsibilities:

- Created conceptual diagrams, visual mock-ups, and manage detailed user interface specifications.
- Written extensive CSS Media queries to support mobile first and responsive web application in multiple devices.
- Strong Understanding of UI processes and methodologies.
- Design the mobile friendly application layout, Created Multiple reusable component, filters and directives.
- Got appreciation for solving 2 complex issues with Ng-Grid in our IPIT application.
- Implemented world map in our app to show the patent details country wise.

Unrestricted

- Validation of forms implementation of dynamic grid using ng-table, session handling using ng-idle.
 - Angular/JQuery File upload method with backend validations using TIKa.
 - Created nested and complex form for survey builder including form validation and prepopulating the form. Dynamic addition and removal of validation on save and save Draft functionality.
 - Help our team members to solve CSS issues.
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Virtusa Consulting Services

Mar-2013 to June 2015

Engineer Technology

Client : Standard's and Poor's
Project : S&P SLA Tool

Responsibilities

- Front End Development and learning new frameworks and bug fixes in the application.
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PERSONAL PROJECT: [Radinace Dental](#)

Technology Used: React Js, React Bootstrap, Java, Spring boot, JPA, Mysql, Github and AWS.

Responsibilities:

- Designing responsive Front-End layout design and writing custom CSS for each component.
- Implemented authentication using JWT token. Route authentication.
- Highly reusable form components with validation. Used all the latest hooks for creating functional component.
- Designing the complex CSS for 32 teeth design and dynamic selection of teeth.
- Designing DB and POJO classes with inheritance and their relationship.
- AWS S3 for app deployment, EC2 for backend code and RDS for DB.

ACHIEVEMENTS:

- Awarded Diamond Qualstar award by Qualcomm for Treasury Tracking Tool Survey, Builder and QJET
- Awarded Impact award by Xilinx for the accomplishments.
- Earned Angular Badge in [Stack Overflow](#).
- Received multiple rewards for XCITE project.
- My Front end related article published on [medium](#).

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