

Abhishek Shukla

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Profile

13+ years of software development experience working on building frontend enterprise applications that are richly interactive, and scalable. Adept at optimizing web performance, driving UI/UX improvement to improve user engagement. Strong leadership skills with experience leading cross-functional teams, mentoring developers and delivering projects in an Agile environment. Always eager to learn new skills and explore emerging technologies to build better and smarter solutions.

At Oracle, I am leading the Object Storage Console plugin design and development with a team of 4 IC3.

Skills and Competencies

JavaScript, Typescript, C#, React, Redux, .netCore, nodejs, Highcharts, d3.js Rxjs, Webpack, CSS3, SCSS, Less, Jest, Playwright, Docker, express.js, SQL, Selenium, REST APIs, HTML5, Oracle Cloud, micro frontend, [next.js](#), webpack module federation
System design, Technical mentorship, Agile development, Cross-functional collaboration, product ownership

Experience

Oracle, Oracle Cloud Infrastructure, Principal Member of Technical Staff (IC4), June 2022 - Present

- Led design, development and maintenance of Oracle Cloud - Objects Storage Console.
- Contributed to various features of OCI console framework.
- Collaborating with teams across Oracle Cloud console plugin for integration of Object Storage Console
- Improved files upload limit from 250 files at a time to up to 5,000 files at once, i.e. 20 fold increase. Actual testing is done on up to 10,000 files
- Improved plugin to handle the file size that users can upload from 100 MB to 25 GB.
- Improving the console by fixing and updating features based on the feedback received during customer operation on calls
- Integrated AI capabilities in the UI.

Nagarro, Gurgaon Technical Architect, August 2021 - June 2022

- Working on the project of the biggest US retailer(Walmart).
- As an architect, I helped the client team build the framework to create form-dependent components using React hook forms. This includes building custom form components rapidly with default support from React Hook Forms, custom hooks, and custom data-sharing providers.
- Owned initiative to eliminate tech debts by introducing strict PR guidelines.
- Effort estimations of stories and new feature requests.
- Helped build high- and low-level designs for frontend projects.
- Added the support for multi-tenancy in UI.
- Converted two UI git repos with similar code to the mono repo. This activity saved development effort by creating separate packages for shared components, services, and domain layers.
- Increased the Unit test coverage to more than 80%, Including clean-up of existing non-meaning tests, including best practices and mocking techniques.
- Simplified the process of integrating the Tableau Reports in the Web App.
- Working on POCs of new features and flows requested by the client.

Publicis Sapient, Gurgaon, UI Architect, May 2019 - May 2021

- As the UI Architect, I hire, lead, mentor and manage the cohesive UI development team
- In the current project, I am managing the transition to a new version of the current technology stack, removal of tech debts, development of orchestration API to connect with a different layer of the application, integration of payment methods – Apple Pay, Samsung Pay, Alipay, ADCB touchpoints, Etihad Miles and Gpay, rewriting react components from class-based to functional, adding state management capability using redux, and setting up build pipelines.
- Under my leadership, we changed the deployment process, replaced big components with smaller and shareable components, started writing the domain-driven components, and improved the commerce part of the application.
- Analysing website performance using lighthouse and working strategies to reduce TTI.
- Providing development progress reports to stakeholders.
- Acting on items identified in development retrospectives.
- Aligning tasks to a team of 5 developers.
- Working on POCs of new features requested by the client.
- Closely working with the UX, QA and API team.
- Ensuring quality code is delivered through CSS, linting, git hooks, code reviews, pr reviews (ensuring all SODs are followed), unit tests using react testing library, and integration tests using cypress.
- Exploring Flutter framework mobile app development

wbworldabudhabi.com, ferrariworldabudhabi.com, yaswaterworld.com, etihadarena.ae

Dunnhumby, Gurgaon, Lead Software Engineer, October 2015 - May 2019

- Worked as a Lead Software Engineer.
- Designing and architecting applications from scratch
- Writing web API in .net, C#, and .net core.
- Writing Component/UI/View Tests, snapshot tests, end-to-end tests using Nightwatch, Protractor(angular), unit testing using karma(angular), enzyme and jest.
- Developed Single-page applications using HTML5, Angular, React, CSS3, SCSS, NodeJS, Grunt, and Gulp, writing directives/reusable components for custom functionalities.
- Automated build process using webpack, gulp for JavaScript compilation, code linting, and SCSS compilation.
- Developing charts using highcharts, d3.js.
- JavaScript code profiling & debugging using IE and Chrome dev tools.
- Following Kanban Development Methodology.
- Setting up the frontend stack in Linux and NGINX docker containers.
- Plan sprints, provide estimations, and assign tasks.

Polaris Financial Technologies (now Virtusa), Pune, Consultant, Aug 2014 – Oct 2015

- Worked as a JavaScript developer.
- Writing unit test (Jasmine, karma, protractor for end-to-end testing).
- Developed Single-page applications using HTML5, Angularjs, CSS3, SCSS, NodeJS, Grunt, and Gulp, writing directives for custom functionalities.
- Automating build using grunt and bower for JavaScript compilation, code linting, and SCSS compilation.
- Developing charts using highcharts, d3.js.
- Following Agile Development Methodology
- Writing backend modules, ex. Validations, database interactions (whenever needed).
- Developed web services and RESTful web services in C#, Asp.net Web API

Yash Technologies, Hyderabad, Senior Software Engineer, Feb 2014 – Aug 2014

- Worked as a Full Stack Developer.
- Writing unit test (jasmine, mstest).
- Developing Single-page applications and web services using asp.net MVC, Angularjs and asp.net web API.
- Developing charts using highcharts.
- Following Agile Development Methodology
- Developing backend modules, ex: rule engine, Validations, and database interactions.
- Developing web services and RESTful web service

Extensible It Solutions, Jaipur, Software Engineer, Aug 2011 – Dec 2013

- Worked as a UI, report and engine (calculation layer) developer.
- Migrating Crystal reporting to ITextSharp reporting.
- Enhancing user experience using Ajax to bring desktop-like features to web applications.
- Used Nevron Charting controls to support the user experience.
- Following project management techniques like agile and scrum.
- Coordinating with the client for user acceptance testing and gathering the requirements.
- Extending existing control to suit the requirements and for custom data binding and validations.
- Supported quality engineering in developing scripts for automation testing.

Tetraskelion Software Pvt. Ltd, Jaipur, Software Engineer, Oct 2010 – Aug 2011

- Developed a Travel domain application for Travel Agents to maintain the tourist's records, itinerary, Bookings, sightseeing, etc.
- Implemented centralised data layer using ORM like Ado.net and Entity Framework
- Coordinating with the client to gather requirements.
- Tweaking software as per client needs.
- Training the client on how to use the application.
- Developed an internal bug reporting system that automatically emails the bug to the supporting team according to the severity of a bug

EDUCATION

MBA in Information Technology (March 2013) Symbiosis, Pune

GNIIT (Software Engineering) (March 2011) NIIT