

TUSHAR BALAR

Technical Lead, Engineer

[Github Profile](#) - [Stackoverflow Profile](#) - [NPM Package](#)

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Lead UI Engineer with 10+ years of experience in frontend development, specializing in building scalable, high-performance web applications. Skilled in JavaScript, React, Angular, Core Python, and Splunk, with a strong background in leading development teams through coding, testing, and integration. Adept at solving complex problems, optimizing UI performance, and delivering user-centric solutions. Detail-oriented, with a proven track record of driving project success and ensuring high-quality software delivery.

SKILLS SUMMARY

Technical Skills: JavaScript, ES6, Typescript, Angular 2+, Reactjs, Python, Splunk, Cortex XSOAR, UI testcases, A/B Testing (LaunchDarkly), Git version control, Webpack, Axios, Lodash, Underscore, Ionic framework

Soft Skills: Rapport Building, Strong Stakeholder management, People management, Excellent communication

WORK EXPERIENCE

Crest Data Technical Lead, Engineer

Nov 2019 - Present

Over the past five years at Crest, I have developed expertise in cybersecurity and data analytics by working on multiple products in these domains. My role involves collaborating with stakeholders to gather requirements, breaking them down into tasks, and effectively distributing them among team members. I design and develop modular, scalable UI applications for data visualization using React.js and Angular. Additionally, I work with Python on the backend to build robust integrations, implementing APIs and connecting vendor products through commands and playbook use cases.

- Developed the Data Normalization Toolkit to enable seamless data normalization within the Splunk environment.
- Led critical migrations, including transitioning from Python 2 to Python 3 and modernizing the Add-on Builder by replacing Backbone.js with React.js.
- Led the UCC Framework team in migrating the entire UI framework from Backbone.js to React.js.
- Worked extensively with Cisco products, including Cisco ASA, Cisco ISE, Cisco ESA, Cisco Meraki, and Cisco WSA.
- Developed integrations for vendor products on the Cortex XSOAR platform, implementing commands and playbook use cases.
- Contributed to the Splunk DBX and Splunk Stream apps, leading efforts on SWC (Splunk Web Core) deprecation and jQuery upgrades.

I ensured high quality delivery by focusing on testing, CI/CD and documentation. My holistic approach has delivered functional, scalable and user friendly solutions that add value to both users and businesses.

Rapidops INC. Software Engineer

Mar 2018 - Oct 2019

Technologies: AngularJs, Angular7+, Material UI, UnderscoreJS, Twilio, C3 chart, Webpack

During my ~2 years tenure at Rapidops, I focused on product development, specializing in designing and implementing reusable components. I worked extensively on Salesmate, a CRM and automation software, which utilized Angular for the front end and Node.js for the back end. My role involved crafting scalable, maintainable, and efficient front-end code using modern JavaScript and the Angular framework.

Salesmate is a feature-rich product, and I contributed to several key modules, including Calling, Dashboard, Media Management, Email Sequence, Email Tracking, C3 Charts, Contact Management, and Text Templates.

Additionally, I led a major initiative to migrate the codebase from AngularJS to the latest version of Angular, ensuring the application remained modern, robust, and future-ready.

Responsibilities:

- Worked on a Salesmate CRM product.
- Crafted scalable, readable, and reusable components using Angular.
- Created responsive UI/UX using Material UI.
- Collaborated with the Backend, UX, and Quality assurance team.
- Worked on Twilio for Calling and Text Messaging using Twilio.
- Worked on Email Sequence and Tracking feature.
- Created a responsive dashboard and widgets.
- Worked on a media management feature where users can upload images and file.
- Provided support for the marketing team.
- Handled customer issues.
- I also had the opportunity to lead a project where I migrated the codebase from AngularJS to the latest version of Angular.

NxtLife Technologies. Frontend Engineer

Jan 2016 - Feb 2018

Technologies: Angular, NodeJS, Ionic, Cordova, TypeScript, Bootstrap, jQuery, Google Charts, Github

During my 2 years stint at NxtLife Technologies, I focused on web and hybrid mobile application development. I initially worked with AngularJS and Ionic frameworks to build both web and mobile applications. One of my major contributions was "Yugma", a product providing a web interface, an admin panel, and a mobile application.

For Yugma, I used several third-party tools and technologies to enhance functionality and user experience. These included Google Charts, GitHub, Ionic, Ionic Auth, session management, role management, service workers, and PouchDB. Additionally, I worked with underscore.js, BootstrapJS, Bitbucket, jQuery, and modern versions of JavaScript, TypeScript, and Angular to ensure a scalable and robust solution.

Responsibilities:

- Worked here for 2 years, very small team having 10 engineers
- Was responsible for creating Web and Hybrid Mobile Application
- Completed many PoCs before adopting any tool and framework
- Initially worked on AngularJS and then when Angular2 released we adopted it
- Worked on Cordova to create Hybrid mobile application
- I worked upon role management and session management
- Worked upon Admin panel

Axelor Technologies Software Engineer

Dec 2014 - Dec 2015

Technologies: JavaScript, ReactJS, AngularJS, NodeJS.

I commenced my professional journey with Axelor, where I spent one year at Axelor Technologies. Axelor is renowned for its open-source ERP, SRM, and BPM solutions. Notably, Axelor (India) operates as a subsidiary of the French company Axelor SAS, specializing in open-source enterprise business solutions.

During my time at Axelor, I gained valuable expertise in various technologies, including Java, XML, JavaScript, ECMAScript 6, ReactJS, AngularJS, NodeJS, Sass CSS, and Git. This training was instrumental in my role, which involved software development.

EDUCATION

B.Tech in Computer Science (2014) from Babaria Institute of Technology (GTU)

SKILLS

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|-------------------|--------------|--------------|------------|-----------|
| • Web Development | • Javascript | • Typescript | • React.js | • Angular |
| • Python | • ES6 | • Webpack | • SSR | • Agile |
| • Fast API | • Jest | • Lodash | • HTML/CSS | • CI/CD |
| • HTML/CSS | • Storybook | • Confluence | • GIT | • Jira |

HONORS & AWARDS

🎓 CAP Award - Crest Data Systems

I received the award for outstanding contributions to the DB Connect project, where I played a key role in migrating the backbone to React.js and successfully completed challenging tasks ahead of the deadline, earning appreciation from the client.