

Animesh Ray

Principal software developer

Contact

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WWW

<https://www.willsnvision.com>

Skills

Javascript, React, rxjs, angular 1.x, TypeScript, nextjs

react-native, cordova

Mongodb, PostgreSQL, Redis

Nestjs, express, nodejs, prisma

Splunk, New Relic, Launch Darkly, Firebase, Kochava, jfrog artifactory, Quantummetric, docker, terraform, AWS infrastructure

- A storyteller and a javascript enthusiast with more than 12 years of experience.
- My work experience consists of a vast variety of technology stacks, from the web to mobile.

Work History

2021-12 -
Current

Principal Software Developer

Advance Auto Parts, Hyderabad

- Working towards building Omni channel experience.
- Developed smart banner to be displayed on mobile web, to encourage customers to jump from mobile web view to mobile native apps.
- Integrated with <https://www.sessionai.com/> AI/ML tool to personalize discounting for customers. That led to improved conversions, sales and revenue.
- Used best practices to iteratively improve the core web vitals, thereby improving the SEO ranking of the web pages.
- Developed cloud API is written in expressjs, which acts as a facade layer for react native apps and the web.
- Made shop.advanceautoparts.com CCPA compliant. integrated with onetrust.com.
- Revamped the whole search and checkout experience of e-commerce.
- Implemented market/store-based pricing, using Google PLA/LIA.

Following are a few of the tools and technologies I have exposure to:-

- frontend: react, next.js, react-native, rx-js, typescript, socket-io
- backend: nodejs, express, nestjs, prisma.io
- visualization: d3
- devops: Docker, AWS, PM2, nginx, terraform
- database: PostgreSQL, mongodb, redis
- tools: splunk, new relic, quantum metrics

2019-11 -
2021-11

Senior Software Developer

NetSPI, Pune

- Recruiting and mentoring the frontend team.

2016-09 -
2019-11

- Developed B2B enterprise level logging software which would help Penetration testers to log their findings and vulnerabilities.
- SAML 2.0 compliant for access to federated users.

Senior Software Developer

Optymyze, Pune

Killing it with javascript everywhere. Actively developing features and doing some feature enhancements for Optymyze Web and Mobile app.

- Prototyped and currently developing voice and video calls using **webrtc**.
- Currently spearheading the initiative of collaboration by integrating with **Microsoft Azure AD, Teams, SharePoint, OneNote** etc. Integrated with Microsoft Azure AD through OAuth2 with client-credentials and auth-code grant types.
- Implemented OAuth2 for clients to access data which they own.
- SAML integration.
- Working on charting and Visualization with **d3**. Developed bubble charts with d3 for predictive analysis. Have a look at my work so far from visualization <https://www.willsnvision.com/>
- Upgrading from angular 1 to 2 was a decision point for us where we did some POC and found that React is a better performer. So I am proactively migrating company's codebase from angular 1.x to react 16.
- Currently, our company's mobile app is on Cordova Hybrid app but we are migrating to react-native. So I am actively contributing to it. Gave knowledge transfer sessions on react-native to my colleagues. <https://github.com/raydedon/ReactNativeToDoApp>

Following are the tech stack which defines me in the current organisation:-

On the web:-

react, redux, redux-thunk, redux-observables, angular 1.x, socket.io, webpack bundler, TypeScript

Native application:-

electronjs.

Visualization:-

d3.js

Mobile app:-

react-native, Cordova.

Backend:-

Nodejs, express, Java/J2EE, springs and hibernate

Database:-

mongodb, Oracle and mysql

2013-12 -
2016-05

Software Developer

Question Pro , Pune

QuestionPro has product on online Survey and analytical software. It provided me an opportunity to develop myself as a full stack developer. I do feature development and enhancement. At Question Pro the technology stacks consisted of the following:-

- Java/J2ee
- Struts 1.x
- Angular JS
- Node JS
- Grunt
- Ant Build Tool

Following were the features which were actively designed by me: -

- Heat map Questions. It is a kind of question in survey software where we ask the user to provide response on a picture and we provided reports in the form of heat map.
- Hot Spot Image testing questions. It is a kind of question where we ask the user to provide responses to an image. <https://www.questionpro.com/help/22.html>
- Image library. Here I developed an UI where users can see their personal accounts multimedia.
- Integrated DialogTech with QuestionPro: In this I have integrated the Survey over voice features of Dialogtech through IVR with our QuestionPro's reporting tool.
- Revamped the complete UI/UX of the QuestionPro and SurveyAnalytics portal.

2011-09 -

Software Engineer

2013-12

Capella Web Solutions, Pune

Capella is service based company. I worked with them to deliver following logistics related software projects to Dubai Trade portal:-

- Central berth booking system. This mainly comprised of a central booking systems through which ships at dockyard can book their berth ofr parking.
- General Cargo berth booking system
- Marin berth booking system
- NOC system
- e-Certificate
- e-Refund

Here tech stack mainly consisted of the following:-

[JAVA/J2ee](#), [struts 1 and 2](#), [iBatis](#), [jquery](#) and [javascript](#).

2010-07 -

2011-08

Software Engineer

Metrixline, Pune

- Actively participated in design, and developed multi-threaded MetrixTrack server based on J2EE architecture. Worked on service layer and the scheduler component. Also involved in the designing and developing all major service components.
- UI is designed using Flex and Action script components. Involved in the development of all XML data generator and web components to provide data to the Flex Component.
- To understand the end to end Use case/ Feature and its expected working.
- Give suggestions about the design for developing and integrating the Feature.
- Feature development, and its Testing.

Tech Stack:-

[Core Java](#), [J2EE](#), [Struts](#), [Flex](#), [Action Scripts](#), [ILog](#), [JSP](#), [MySQL5.x.](#), [Tomcat 6](#), [Ant](#)

Education

2004-07 -

2008-07

Bachelor of Science

Army Institute of Technology, University of Pune, BE - Information Technology - Pune, MH