

# Anandarajeshwaran.J

Full-stack javascript application developer  
Solution architect  
Here-now and No-Mind newbie



Jarajesh@gmail.com  
+91-9740252554 /+91-8123418241  
Chennai-600083, India.

<https://stackoverflow.com/users/328911/ananda>  
<https://github.com/Jarajesh>

## ABOUT ME

---

I am a professional solution provider, team player & an individual who contributes and stays motivated without any supervision. I Design, Develop, From wire framing to mockups to prototyping to final execution, I add great value through put. I build teams, refine strategies, design products, and code things. I don't neglect the small, delightful details. I am addicted to usability, mobile and user centered experiences. I care about details and try to create something exceptional. Software development is a team sport, and I've benefited from working with a team of incredibly talented and driven designers. Between conceptualization and release as often happens in software development new technical constraints will be introduced late in the process, rescoping will creep in. I am a firm follower of agile principles to overcome challenges. During my time as an individual contributor, I was organically promoted towards technical leadership by the employer. I have been writing code for over 16 years now starting from 2002. Since Visualbasic 6.0, MS-Access, table-based layouts, Internet Explorer 6, Silverlight. I like to keep myself updated, currently taking up courses in Udemy on Blockchain, Machine learning, AI and neural network techniques.

## EXPERTISE

---

### Backend development- 8 years experience

Designed and built data-intensive applications using mostly Javascript, C# and PHP. These applications include ETL processes, data delivery, and RESTful API's. I love architecture and building diagrams. I am a big proponent of ORM.

•Node.js •expressjs •sequelize •Restful web services •Data engineering •C# •PHP •IIS •LAMP

### Web development- 8 years experience

Worked with many different variants of JavaScript frameworks but am most experienced with Angular and React. I have done web development for a few billion-dollar companies. What differentiates me from other web developers is that I have professional experience with infrastructure and back-end logic. This enables me to make performant decisions and build applications that are secure. Hobby projects with vuejs, lit-html, polymer.

•AngularJS(2/4/6) •React •es6 •JavaScript •Typescript •webpack •Gulp •Bootstrap •webworkers •SPA •jquery •Web application security •WordPress •Asp.net •silverlight

### DevOps- 2 years experience

Professional experience with building, managing, and deploying with devops infrastructure. I have worked with mainly Linux. I have worked with clients who have done traditional monolith deployments to building CICD pipelines. Hobby projects with Docker.

•Nginx •Apache •Linux •Security •Cloud technology & infrastructure management •Continuous integration •Git •Jenkins

### Mobile Development- 5 years experience

Built mobile applications in hybrid HTML5 apps with Cordova/PhoneGap. Some of my apps are used internally (enterprise builds). Some of my apps are bundled as PWA making use of modern HTML5 api (camera, vibration)

•Progressive Web application(PWA) •service workers •PhoneGap •Cordova •HTML5

### Cloud technology and infrastructure management- 5 years experience

Built applications on and integrating with cloud providers. My experience is mainly with enterprise AWS architectures and hobby projects with Google Cloud Platform.

•AWS •serverless •lambda functions •Cloud flare •letsencrypt ssl certificate

## Database- 14 years experience

I have designed databases to balance practical and performant solutions. I mainly design and integrate with Oracle, MySQL and PostgreSQL. I have used firebase realtime NoSQL database in hobby projects.

•Oracle •MySQL •PostgreSQL •sqlite •firebase •nosql

---

## Windows application development- 10 years experience

Built enterprise data applications for the windows platform during the first decade of my career. Well versed with .net framework.

•Visual basic •wpf •C# •MVVM •ADO.net •Crystal reports

---

## A FEW OF MY RECENT PROJECTS

### TADPOLE ,Fidelity Investments USA December 2017 - Present / 11 Months

Chennai

Tech stack:

React, Angular 5/6, Node.js, Express.js, Sequelize, Webpack, Progressive web application using web workers, PostgreSQL, Cordova, Bootstrap 4, SAAS.

Summary:

A stock/security trading, Banking transaction & financial literacy app targeted at teens & pre teens living in the US delivered as Andriod and iOS apps with an web-based admin back end. Currently in Pilot stage will go live by Dec 2018.

My Role:

The initial proof of concept and Idea validation was done using React. Later, the decision was made to move to Angular. I handled the offshore team and led them in improving aesthetics and consistency, and maintaining architectural simplicity as the product grew in complexity. I Contributed Full stack (front end, REST API and schema design).

Technical stuffs I learnt and Implemented:

Webpack code splitting/Tree shaking, in depth Sequelize usage, ngrx-RxJS powered state management similar to Redux, Service worker PWA.

Highlights and Lessons Learnt:

Building and empowering a high-performing team of product engineers. Designing and iterating on first feature aimed at high-value customers. Fast iterations to ship more features in time.

---

### SAILS, Fidelity Investments USA. November 2016 –December 2017 / 1 year 1 Month

Tech stack:

Angular 2, Java Spring REST API, gulp.js, Oracle, d3.js, Bootstrap 4.

Summary:

An organization-wide securities position consolidation Intelligence engine with a web front end that handles 50k data points in the browser.

My Role:

- Architecting the technical stack and Charting a plan to migrate and upgrade a legacy application front end. Front end Lead and developer.
- Growing the team and improving performance.
- Raising the bar on the quality of the front end.

Technical stuffs I learnt and Implemented:

Angular 2, typescript, extensive usage of es6 features, gulp.js, making use of virtual rendering to handle 50k records in a fully sortable, searchable grid that works in IE, Web workers with sheetjs.

Highlights and Lessons Learnt: Reduced the calls made by the front-end from 17 to 1 by relying on Underscorejs and functional programming. I perfected the art of convincing upper management to buy in on the tech team's requirements.

## EMPLOYMENT

### Tata Consultancy Services- Associate consultant May 2011 - Present / 7 Year 4 Months

London/Chennai

- Full Stack Development with Android, iOS, web apps security and network infrastructure.
- Field Application Engineering Extensive experience with assisting clients with their customers for integrations and product development. I am often brought in as the engineer or technical liaison for business meetings and building out POC's for demos.
- Software Integrations Creating and managing integrations with different vendor products. Understanding the limitations of respective API's and developing custom solutions to fulfill project requirements.

I Craft data heavy high-quality web applications for fortune 500 clients from the Banking and financial service's domain.

I work predominantly on Angular 5/6, Node.js, Express.js, Sequelize, Webpack, Progressive web applications using web workers and PostgreSQL.

I have been delivering proof of concepts & public facing pilot projects with React, Cordova, AWS Lambda serverless computing & web workers.

### HCL Technologies- Senior Software Engineer September 2007 – May 2011 / 3 Year 9 Months

Bangalore

Predominantly worked on Microsoft Tech stack.

### Cognizant Technologies- Software Engineer April 2007 – September 2007 / 6 Months

Bangalore

Worked on Legacy Microsoft Tech stack.

### Binary Technologies- Founder April 2002 – April 2007 / 5 Year (operations closed 11 years ago)

Madurai

During initial years of my career, I was crazy enough to start my own software-development firm targeting the Retail Industry POS (point of sale systems). Learnt the art of creating products from the school of hard knocks(pun intended ☺). During this period, I worked on all aspects of software development right from requirement's gathering, Architectural decision making, Coding, Deploying, DB design and Marketing the product.

### Domain(Business) Expertise

Banking and Financial Services 11 years April 2007-present

Retail 5 years April 2002-April 2007

## Open source & Community contribution

- iVote- An open-source voting application built using Angular and Firebase(cloud hosted no sql real time database). DevOps automation scripts that can be hosted for free in Google cloud.
- I regularly contribute in Stackoverflow & have 8 silver and 15 bronze badges.

#### Education

Master of Business Administration in Operation's research. Sikkim Manipal University-Directorate of Distance Education

May 2010-May 2012

Bachelor of Science in Physics NMSSVN College, Madurai Kamaraj University, Madurai, Tamilnadu.

August 1999 – April 02

## Testimonials

I was informed by my supervisors and peers that I am technically strong, creative, have a great sense of humor and have a flair for delighting users.