Anandarajeshwaran.J

Full-stack JavaScript application developer, Product architect.
Here-now and No-Mind newbie

(A)live Resume:
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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 am a 17-year veteran of Product & web application development. Been coding since 2002
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 like to keep myself updated, currently taking up courses in Udemy on Blockchain, Machine learning, AI and neural network techniques.

EXPERTISE

Backend development- 9 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 functional programming and microservices architecture.

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

Web development- 9 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 fortune 100 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 •web workers •SPA •jQuery •Web application security •WordPress •Asp.net •Silverlight

DevOps- 3 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- 9 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

Simple Case Management System, PayPal Global Feb 2019 - Present / 14 Months

Chennai

Tech stack:

React, Redux, Node.js, Express.js, Sequelize, Webpack, lerna js, Progressive web application using web workers, PostgreSQL, .

Summary:

A case life cycle management system with ML assisted decision-making system

My Role:

React js, redux, nightwatch js Ui automation individual contributor. I Contributed Full stack (front end, REST API and schema design). I run the initiative of code review & the UI consortium to keep the team updated on latest trends.

Technical stuffs I learnt and Implemented:

Webpack code splitting/Tree shaking, lerna js , 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.

TADPOLE,(a fortune 100 client) 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 Android 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, AWS Lambda. 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:

in depth Sequelize usage, ngrx-RxJS powered state management similar to Redux

SAILS, (a fortune 100 client) 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.

Note:
For a list of projects prior to 2016 please visit my Live resume https://jarajesh.github.io/#about

EMPLOYMENT

PayPal- MTS engineer Feb 2019 – present day
Chennai
- Full Stack Development with React js, Redux, NodeJS, expressjs, Google cloud, CI, CD .

I Craft data heavy high-quality web applications for PayPal global risk management service's domain.
I work predominantly on React, 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.

Tata Consultancy Services- Associate consultant May 2011 – Jan 2019 / 7 Year 8 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.

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
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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. https://github.com/Jarajesh/iVote
- I regularly contribute in Stackoverflow & have 8 silver and 15 bronze badges.

Education Master of Business Administration in Operation's research. Sikkim Manipal Univesity-Directorate of Distance Education Bachelor of Science in Physics NMSSVN College, Madurai Kamaraj University, Madurai, Tamilnadu.	May 2010-May 2012 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.