

# Elakya V, Senior Frontend Engineer

+971 503170646, [elakya.velumaniyan@gmail.com](mailto:elakya.velumaniyan@gmail.com)

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## LINKS

[LinkedIn](#), [GitHub](#), [Personal Sample SPA 1](#), [SPA 2](#), [SPA 3](#), [Hackerrank](#)

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## PROFILE

Experienced Senior software engineer with a demonstrated history of working in the computer software industry. Skilled in **Javascript, React.js, NodeJs, HTML, CSS, Jest, Jasmine framework and some of AWS features**. Strong engineering professional with an enthusiasm and expertise in cross browser extensions.

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## EMPLOYMENT HISTORY

Sep 2019 — Present

**Senior Software Engineer, NortonLifeLock**

Chennai

### Projects :

- Developed an IE11 support page for the Norton portal.
- Redesigning the mobile unlock feature UI in Norton Password Manager extension.
- Creation of pipeline jobs in the Jenkins for the product using JenkinsFile.
- Seamless Onboarding into Norton Password Manager extension for a customer using QR Scanning.
- Creation of single page application for Password Manager in Norton's e-commerce site (<https://my.norton.com/extspa/passwordmanager>)
- Migration of Safari web extension to App extension for Norton Password Manager and Norton Safe web.
- Work on white labeling the product - Norton Password Manager
- Adhering to chrome's compliance policy to give 1 : 1 (feature : extension) for Norton Home Page extension and Norton Safe Web extension.
- Add support to import passwords from other password managers like Dashlane and Lastpass in Norton Password Manager.
- Adhering to Firefox's privacy policy update to get the user consent before collecting user data to be sent to backend.
- Improving web page analysis engine for detecting the correct login forms and change password forms.
- Support 3rd party sign in like google and apple in the Password Manager login
- Fixing Security defects including event handling in the extension to differentiate user events from script events.

**Technology used : ReactJs, Javascript, AWS services, CSS and NodeJs.**

### Responsibilities :

- Owned more than 5 projects per year from initial research and conceptual design through testing and implementation phases.
- Designed and executed security measures such as encryption for browser extension and also mobile apps.
- Researched new technologies, software packages and third party libraries to use in browser extension projects.
- Collaborated with in-house web designers to create sleek and innovative UI design.
- Took concepts and produced design mockups and prototypes to strengthen designs and enhance user experiences.
- Documented all software development methodologies in technical manuals to be used by Software Engineers in future projects.
- Conducted unit testing to deliver optimal browser functionality.
- Reviewed code to validate structures, assess security and verify browser, device and operating system compatibility.
- Tested troubleshooting methods, devised innovative solutions, and documented resolutions for inclusion in knowledge base for support team use.

Sep 2017 — Sep 2019

**Software Engineer, Symantec**

Chennai

### Projects :

- Remote unlock of Norton Password Manager extension vault using mobile by sending notification to mobile and unlock based on the response.
- Password generator for Norton Password Manager extension.
- Reset vault password in Norton Password Manager mobile application using the bio-metric of the phone.
- Safety dashboard in Norton Password Manager extension.
- Export vault data feature for Norton Password Manager extension.
- 1 to 1 alignment of web page analysis engine between desktop product and browser extension.

**Technology used : ReactJs, Javascript, CSS, Swift, Objective C and Python**

### Responsibilities :

- Developed features for extensions such as password generator, web analysis engine and added a functionality to let user authenticate using mobile.
- Designed and updated layouts to meet usability and performance requirements.
- Conceived and built optimized landing pages, dashboards and modals in ReactJs and JavaScript including cross-browser compatibility.
- Implemented and monitored extension usage and functionality for continuous improvement.
- Applied Apple's Swift development language to code native apps for iOS platform.
- Researched and selected APIs for integration into development projects.
- Established best practices and innovative solutions to enhance production rates and output quality.

Sep 2015 — Sep 2017

### Associate Software Engineer, Symantec

Chennai

- Attend support calls to get to know the problem they are facing using our product and came with a video to tell how to use our product
- Developed features for toolbar and extensions in Chrome, Firefox and IE such as home page and default search provider.
- Developed a tool to get the number of extensions installed for a browser in a machine.
- Developed a 64bit version of product and supported visual studio updates.

**Technology used : Javascript, C++**

Jul 2013 — Sep 2015

### Associate Software Quality Assurance Engineer/ Automation Lead, Symantec

Chennai

- Developed an automation tool to automate UI test cases which reduced 100hrs of manual execution.
- Maintained the integrity of test cases and adopted new frameworks to automate web based test cases.

**Technology used : Python, Selenium, Ranorex**

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### EDUCATION

Jul 2007 — Jul 2009

### Higher secondary, Kurinji Matriculation Higher Secondary School

Namakkal

Graduated with 96%

Aug 2009 — Jun 2013

### Bachelor in Information Technology, College of Engineering, Guindy

Chennai

Graduated with 82%

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### SKILLS

JavaScript (ES6)	Expert	AWS	Experienced
ReactJs	Expert	Jasmine Framework	Experienced
HTML5	Expert	Jest	Experienced
CSS3	Expert	Swift	Skillful
NodeJs	Experienced	Objective C	Skillful

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### CERTIFICATIONS

#### Javascript Basic Certification from Hackerrank

<https://www.hackerrank.com/certificates/ad04232b65df>

#### Javascript Intermediate Certification from Hackerrank

<https://www.hackerrank.com/certificates/924657f0754a>

#### React Basic Certification from Hackerrank

<https://www.hackerrank.com/certificates/60e6363634f6>

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### LANGUAGES

English

Highly proficient

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## ADDITIONAL ACTIVITIES

Feb 2014 — Feb 2014	<b>Save the hacker</b>	Chennai
	<p>Participated in a world wide hackathon event conducted by Freshworks and developed a new extension for highlighting the text in wikipedia or any page and share it with a friend.</p> <p>Technology used : Javascript, MySQL</p>	
Mar 2014 — Mar 2014	<b>Alchemy 2014</b>	Chennai
	<p>Developed an iOS app for managers to use and track the defects that their reporters have. Won 2nd price for this app.</p> <p>Technology used : Objective C</p>	
Mar 2015 — Mar 2015	<b>Alchemy 2015</b>	Chennai
	<p>Designed a full website for the event that lets user to register for an event and submit the draft and also final apps/paper.</p> <p>Technology used : HTML, CSS, Javascript</p>	
Dec 2015 — Dec 2015	<b>Perk Hackathon</b>	Bangalore
	<p>Participated in a nation wide hackathon and developed a stock market app.</p> <p>Technology used : phoneGap, HTML, CSS, Javascript</p>	
Jan 2018 — Jan 2018	<b>Code-a-thon</b>	Chennai
	<p>Designed an architecture to improve the performance of web analysis engine and won 1st place in that, which is been later incorporated in production extension and released the same year.</p> <p>Technology used : Javascript, Python</p>	
Feb 2020 — Feb 2020	<b>Code-a-thon</b>	Chennai
	<p>Developed a feature for the extension to have a backup for the vault data and provide the user with last vault data in case if the vault got corrupted.</p> <p>Technology used : DynamoDB, AWS Lambda, Api gateway, Javascript, ReactJs</p>	

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## REFERENCES

References available upon request