

# Ramya Sree Kola

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[Portfolio](#)



## SUMMARY

- Frontend Developer with 6 years experience at E.ON Sweden, Volvo Cars and OpenText to create and maintain web applications and API services .
- Experience in JavaScript and TypeScript with a strong proficiency in frameworks such as React, Vue3, AngularJS, Next.js, and others.
- Experience working with server-side rendered(SSR),client side rendered(CSR) web applications and static site generation.
- Created responsive web designs with user-friendly UI and cross-browser compatible using component library like Material UI.

## PROFESSIONAL EXPERIENCE

**Organization:** E.ON Sweden

**March 2024 - present**

**Role:** Frontend Developer

- Developing Vue 3 UI components and web pages for E.ON, utilizing a Test-Driven Development (TDD) approach.
- Integrated Adobe Experience Manager for efficient content management and enhanced website navigation.

**Organization:** Volvo Cars Corporation

**Feb 2020 - Feb 2024**

**Role:** Frontend Developer

- Worked with multiple teams across the organization developing web applications using Typescript and React including code migration.
- Developed and maintained reusable react components tailored for direct customers.
- Active contribution developing an inhouse Content Management System's (CMS) web UI within an internal team.
- Contributed to developing an iOS mobile app prototype using Swift programming language as a part of hackathon.
- Worked with visualization tools like storybook for documenting and developing UI components.
- Utilizing LaunchDarkly and setting up feature flags for controlling feature releases.

**Organization:** OpenText

**Feb 2018 - Jan 2020**

**Role:** Full stack Developer

- Worked as full stack developer with focus developing reusable UI components using HTML5, CSS3, Typescript, NodeJs, and Angular. Implementing services to consume REST APIs using component-based architecture by AngularJs.
- Designed and maintained Restful web services using Spring Rest and Java.

- Worked on database SQL statements for querying, updating, and reporting of complex API response data.
- Pair programming in creating the cloud environment using Docker to create images. Setting up helm configuration and Kubernetes.
- Worked on configuring Nginx as a reverse proxy to optimize application routing and load balancing for the application.

## ACADEMICS AND PERSONAL PROJECTS

- Master Thesis Project on using Style GANS learning for style transfer and generation of synthetic image data with style transfer. [Research Paper](#)
- A smart AI player for the Kalaha board game. The game was implemented in Java. The smart AI player implementation - minimax algorithm with alpha-beta pruning. [Github](#).
- Sentimental analysis of the Twitter and Reddit user post data, which uses LSTM neural networks. Using this to predict the bitcoin price.
- Designed a smart dashboard containing live port visualization (using Google Maps API), a smart time slot appointment system, and equipment monitoring.
- Designed a web App, that combines data from Google News with the functionality of Google Maps JavaScript-API, implemented using Python, HTML5, JavaScript, JQuery, typeahead.js, CSS3.
- Finalists among the 79 European schools for the 5th PEMA (Ports Equipment and Manufacturing Association) student challenge.
- Awarded a merit scholarship of 75% by Blekinge Institute of Technology.

## EDUCATION

**Masters in Computer Science** – Blekinge Technical University, Sweden. **2017-2019**

**Graduation in Computer Science** – Jawaharlal Nehru Technological University, India **2013-2016**

## TECH STACK

**Programming Languages:** Python, C, Java (JDK 7, JDK 8), JavaScript (ES6), Typescript, SQL, PHP, Swift

**Web Technologies:** HTML5, CSS3, Typescript, React, jQuery, NodeJs, AngularJs, Angular 8, Bootstrap, NextJs, NestJs, remixJs.

**Databases:** Oracle, SQL Server, PostgreSQL, MongoDB, MySQL.

**Development Tools:** Visual Studio Code, MATLAB, Eclipse, PyCharm, IntelliJ, NetBeans, GitHub

**Cloud Technologies:** Google Cloud Platform, Azure and Amazon Web Services, Docker, Kubernetes, Helm

**Testing Tools/ Others:** Jest, JUnit, Jasmine, Karma, Git, Postman, Storybook, Launchdarkly, Figma.

## References

Available upon request