# Ramya Sree Kola

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#### **SUMMARY**

Frontend & Fullstack Developer with 7+ years' experience delivering scalable web and mobile solutions at Winningtemp, E.ON Sweden, Volvo Cars, and OpenText. Skilled in React, Next.js, Vue, TypeScript, and React Native with strong expertise in API development and microservices. Experience working with modernizing legacy systems, building reusable components, and creating seamless cross-platform experiences.

#### PROFESSIONAL EXPERIENCE

**Organization:** Winningtemp, Sweden **Role:** Fullstack and App Developer

Sept 2024 - present

- API development in microservices architectures. Skilled in frontend development using React and Next.js, delivering dynamic and responsive web applications.
- Working with cross-platform mobile app development with React Native, bridging web and mobile solutions for seamless user experiences.
- Migrating the monolith codebase with Razor and React + JS to React+TS and NextJs tech stack

**Organization:** E.ON Sweden **Role:** Frontend Developer

March 2024 - present

- 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

Role: Frontend Developer Feb 2020 - Feb 2024

- Worked with multiple teams across the organization developing web applications using Typescript and React including code migration.
- 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.

Organization: OpenText

Role: Full stack Developer Feb 2018 - Jan 2020

• 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.
- Pair programming in creating the cloud environment using Docker to create images. Setting up helm configuration and Kubernetes.

## **Freelancing Projects:**

Salon Website – Designed and deployed a full static site (coding, hosting, domain setup, and maintenance).

Health Companion (Prototype) – Led technical design & architecture for an early-stage health web app.

#### 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. <u>Github</u>.
- 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**

- M.Sc. Computer Science Blekinge Institute of Technology, Sweden (2017–2019) Merit Scholarship (75%)
- B.Sc. Computer Science JNTU, India (2013–2016)

#### **TECH STACK**

Frontend: React, Next.js, Vue 3, Angular, React Native, Storybook, Material UI

**Backend:** Node.js, NestJS, Java (Spring), REST APIs **Mobile:** React Native, Swift (prototype experience) **Databases:** SQL Server, PostgreSQL, MongoDB, MySQL **Cloud/DevOps:** AWS, Azure, GCP, Docker, Kubernetes, Helm

Testing/Tools: Jest, JUnit, Jasmine, Postman, Git, Figma, LaunchDarkly

## References

Available upon request