

Riya Reginold Kalluvalappil

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[LinkedIn](#) | [GitHub](#)



SUMMARY

Passionate Software Developer with hands-on experience in building responsive web applications using **HTML, CSS, JavaScript, TypeScript, React, Next.js**, and **Tailwind CSS**. Skilled in **frontend development** with a solid understanding of **backend technologies**, focusing on UI/UX, accessibility, responsive design, and performance optimization. I enjoy turning ideas into interactive digital experiences and continuously learning new technologies to enhance my craft. Experienced in working within agile, international teams and contributing to privacy and security focused solutions in the automotive domain. Currently seeking an opportunity to start my career as a developer, contribute to real-world projects, and grow within a collaborative development team.

TECHNICAL SKILLS

HTML, CSS, JavaScript, Typescript, Tailwind CSS, React, Next JS, Python, RESTful API, Framer Motion, Redux (Saga), SQL, MySQL, PostgreSQL, MongoDB, Webpack, Git, GitHub, Jira, Object-Oriented Programming (OOP), Microsoft Access, Visual Studio Code, Android Studio, Figma (UI/UX), AWS, MS Office, AI fundamentals, Cloud platforms, Responsive Design, Cross-Browser Compatibility, CI/CD (GitHub Actions), Performance Optimization and SEO Best Practices, Deployment and Hosting

EXPERIENCE

[ARRK Engineering GmbH](#), Munich, Germany (1 Year 4 Months)

Internship & Master's Thesis (Automotive Cyber security) | Aug 2023 - Nov 2024

- Developed an **automated privacy threat modeling tool** using LINDDUN and SQL database enhancing data flow efficiency and privacy compliance in vehicle functions.
- Designed and implemented interactive **HMI prototypes** in **Figma**, emphasizing **usability, transparency, and accessibility**.
- Collaborated in cross-functional international teams (cybersecurity engineers, UI/UX designers, developers) to create user-centric software solutions for automotive.

Radianz Infotech | Kochi, India

Junior Software Engineer | Jan 2021 - June 2021

- Developed responsive, cross-platform web applications using **HTML, CSS, JavaScript, and React**, delivering seamless and user-friendly interfaces that improved user engagement.
- Integrated REST-based APIs to support scalable enterprise platforms.
- Applied **OOP concepts** and best coding practices to produce maintainable and scalable frontend code across multiple projects.
- Enhanced existing applications through responsive design, debugging, testing, and performance optimization, improving page load times and usability.
- Collaborated in Agile Scrum teams to deliver high-quality, timely software releases.

REFERENCE

Mario Hoffmann, Group Leader - Automotive Cyber Resilience,
ARRK Engineering GmbH, Frankfurter Ring 160, 80807 München, Germany,
mario.hoffmann@arrk-engineering.com

EDUCATION

Master's in Automotive Software Engineering, Oct 2021 – May 2025
Technische Universität Chemnitz, Germany

Master of Computer Application (MCA), 2017 – 2020
APJ Abdul Kalam Technological University, Kerala, India

Bachelor of Science (B.Sc.) in Computer Science, 2014 – 2017
Calicut University, Kerala, India

LANGUAGES

English (C1), German (A2-Improving), Malayalam

STRENGTHS

Communication, Structured, Independent, Team player, Self-organization, Creativity, Responsible, Problem-Solving,

CERTIFICATES

IBM Fullstack Software Developer (Coursera) (In Progress)

Introduction to Front-End Development - Meta | April 2023
(Coursera) [LINK](#)

Agile Software Development: Scrum for Developers | May 2025
[LINK](#)

Scrum: Advanced | LinkedIn May 2025 [LINK](#)