

ALWIN BABY

 <https://alwinbaby.com>  alwin.baby.official@gmail.com  +49 15510 942947

 <https://www.linkedin.com/in/alwinbabyofficial>  Wedringerstrasse 17, 39124 Magdeburg

PROFILE

Software engineer with three years of experience building web and TV applications using React.js and LightningJS. I've worked on multiple OTT projects and websites used by millions of people. Currently exploring my interest in AI and machine learning.

SKILLS

Frontend Technologies

React.js | Next.js | LightningJS | TypeScript | CSS/Tailwind | HTML5 | WebGL | Responsive Design

Backend & Cloud Technologies

Node.js | Python | Express | REST APIs | AWS | Serverless

Tools & Platforms

Vite | Git | GitHub | Bash | Powershell | Figma | GitHub Actions | MS Office | Photoshop

Soft Skills


Adaptability | Time Management | Leadership Skills | Effective Communication | Conflict Resolution

Other Skills

Agile Methodologies | Object Oriented Programming | Technical Documentation | OTT Video Streaming

PROFESSIONAL EXPERIENCE

Software Engineer

Diagnal Technologies Private Limited 

08/2022 – 09/2025
Trivandrum, India

- Helped create CMGO and Awaan web apps using React.js, optimised for seamless operation on a variety of mobile and browser platforms.
- Developed **Enlight**, a customizable template (OTT) solution for web-based TV platforms such as Tizen, webOS, and Vidaa using LightningJS framework.
- Created TV apps such as CMGO, Awaan, Illico+ and Rally TV using Enlight with multiple language support, live streaming and On Demand contents.
- Built custom LightningJS components by directly utilising the **WebGL API** to create complex graphical elements.
- Reduced video player startup time by 25% and enhanced app performance through streamlined data flow and optimised event handling.
- Improved the app's startup time by about 22% through code splitting and optimised API calls thereby greatly enhancing the user experience.

ACHIEVEMENTS


Promoted to Software Engineer E2

09/2023

- Promoted to the position of Software Engineer E2 within one year, in recognition of my outstanding performance and contributions.
- Received exceptional ratings in employee reviews, and I was acknowledged for my proactive problem-solving and sense of ownership.

EDUCATION

Master of Science in Digital Engineering

Otto-von-Guericke-University Magdeburg 


Currently enrolled in the first semester (Winter 2025)

10/2025 – Present

Magdeburg,

Germany

Bachelor of Technology in Mechanical Engineering

APJ Abdul Kalam Technological University 

Government Engineering College Barton Hill (CGPA - 7.9)

08/2018 – 07/2022

Trivandrum, India

LANGUAGES

English — Business Fluent

German — Basic (improving)



Alwin Baby

Magdeburg, 11-01-2026