

ARUL VALAN ANTO SAHAYA JUSTIN

FULL STACK DEVELOPER WITH 5 YEARS OF EXPERIENCE

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SKILLS

- **Frontend Tech:** React JS, Next JS, TypeScript, Redux, JavaScript, Tailwind CSS, Sass, CSS, HTML
- **Backend Tech:** Node JS, Express JS, Python, FastAPI, GraphQL
- **Databases:** MongoDB, MySQL, Redis, Firestore
- **Testing Tools:** Jest, Playwright, Storybook
- **CI/CD Tools:** Github Actions, Docker
- **AI Tools:** LangChain, LangGraph, VertexAI Vector Search
- **Other Tools:** Webpack, Babel, Auth0, Firebase, ESLint

WORK EXPERIENCE

Senior Software Engineer at Augment

Feb 2022 - Present

- Developed an **AI itinerary generation** feature that builds customized travel plans based on user preferences.
- Built an **internal RAG system** that intelligently answers user queries from the company **knowledge base**.
- Orchestrated **agent workflows** using LangGraph to manage **multi-agent coordination** and task execution.
- Created a flexible **RBAC system** to dynamically control access and adapt UI features based on user roles.
- Built **secure OAuth 2.0** flows using Auth0, allowing third-party tools to interact with internal APIs.
- Developed an **Outlook plugin** that reduced deck-sharing steps from seven to two to enhance user experience.
- Built **real-time collaboration** for decks with presence indicators, **activity tracking**, and slide locking.
- Created an **AI RAG Assistant** that uses video context and generates accurate responses to user queries.
- Built a **fully customizable and dynamic interface** with resizable, collapsible, and drag-and-drop sections.
- Developed a **remote-sensing app** that provides data on endangered species and soil surveys for land analysis.
- Implemented a **web scraping pipeline** to collect and refresh seed data from external sources periodically.
- Built **CRON jobs** to automate **data ingestion** from external APIs and send localized timesheet reminders.

Web Developer at CodingSpaceIndia

Jan 2020 - Jan 2022

- Built an **automation CLI tool** to scaffold new sections, reducing dev time by **15%**.
- Developed a **bill-splitting** feature with automated **reminders** and **flexible payment options**.
- Refactored **legacy codebases** and provided continuous maintenance and support for critical systems.
- Regularly debugged and optimized apps using **Chrome Dev Tools** and **Lighthouse**.
- Mentored junior developers and conducted regular code reviews to **maintain code quality and consistency**.

EDUCATION

B.E Computer Science

Jul 2015 - May 2019

Loyola ICAM College of Engineering and Technology [CGPA: 7.33 / 10]

HSC

Jun 2014 - May 2015

Carmel Higher Secondary School [Percentage: **87.7**]

ADDITIONAL INFORMATION

- **Languages:** English, Tamil.
- **Certifications:** AWS Certified Cloud Practitioner