



JULACH EARZAN

Software Engineer

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[julach-earzan-portfolio](#)

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EDUCATION

Bachelor of Computer Science

Trincomalee Campus, Eastern University
2020 – 2024

GCE Advanced Level (Physical Science)

2018

- Combined Maths – C
- Physics – C
- Chemistry – C

GCE Ordinary Level

2015

- A – 3
- B – 5
- C – 1

TECHNICAL SKILLS

Frontend

- ReactJS
- Next.js
- TypeScript,
- JavaScript
- Tailwind
- HTML
- CSS

Backend

- Node.js
- PHP
- Laravel

ABOUT ME

Results-driven and detail-oriented Software Engineer with hands-on experience in full-stack development using Next.js, React, Node.js, and PostgreSQL. Skilled in building scalable web applications, integrating secure payment systems, and delivering high-quality solutions. Strong team player with problem-solving skills and a passion for continuous learning.

WORK EXPERIENCE

Associate Software Engineer

2025/02 – Present

X4 Digital Labs

- Developing and maintaining Restaurant Management System and Reservation Management System using Next.js and PostgreSQL.
- Built responsive landing pages with optimized performance and user experience.
- Implemented state management with Redux and Context API to ensure smooth data flow.
- Integrated JWT authentication for secure access control.
- Worked on payment gateway integrations (Adyen & HyperPay) enabling secure online payments.
- Collaborated in Agile teams, participating in code reviews and sprint planning.
- Key Achievement: Improved system performance by optimizing PostgreSQL queries, reducing API response time by 20%.
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Intern Software Engineer

2024/03 – 2024/09

Invicta Innovations (Pvt) Ltd

- Contributed to the Pediatric Management System, a hospital management solution.
- Built responsive UIs using React and TypeScript with backend API integration.
- Collaborated with designers and developers to meet project goals.
- Focused on debugging and testing to ensure application stability.
- Gained experience in real-world development, teamwork, and project execution.

Databases

- PostgreSQL
- MySQL
- MongoDB

State Management

- Redux
- Context API

Authentication & Security

- JWT
- Google Auth

Payments

- Adyen
- HyperPay

Version Controller

- Git
- GitHub

Other Tools

- Visual Studio Code
- Postman
- Agile/Scrum
- Cursor

SOFT SKILLS

- Strong teamwork & collaboration
- Problem-solving & logical thinking
- Fast learner with adaptability
- Clear communication & decision-making
- Leadership & knowledge-seeking mindset
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REFERENCES

Mr. Lavanjan Ravichsanthiran
Associate Technical Lead,
Invicta Innovation (Pvt) Ltd,
+94 76 847 5685

Mr. Supun Buddhika Bandara
UI/UX Engineer
X4 digital Labs,
+94 70 206 4950
supun.buddhika@x4digitallabs.com

PERSONAL PROJECTS

Travel Website

| NextJS | Tailwind | Node | Nodemailer |

Developed Paradise Tour, a travel website using Next.js and Tailwind CSS, integrating Nodemailer for email functionality.

Student Management System

| ReactJS | Tailwind | Node | MongoDB | REST API | Google Auth |

Integrates with ReactJS, Tailwind, Node and MongoDB with Google Authentication.

Agricultural Website with Pest Identification Chatbot (Final Year Project)

| ReactJS | Tailwind | Node | Rest API | MongoDB | Flask | CNN

Integrates With ReactJS, Tailwind, Node and Flask With Trained Machine Learning Model For Image Recognition.

Weather App Website

| ReactJS | Redux | Tailwind |

Developed a responsive weather app using ReactJS, Redux, and Tailwind CSS, featuring real-time and 7-day forecasts with dynamic weather icons.

Background Removing Website

| ReactJS | CSS | Flask |

This Project Is a Responsive Background Removing Website Integrates With ReactJS, CSS and Flask.

CERTIFICATES

Certificate in Front-End Web Development

Certificate in Web Design for Beginners

Certificate in python for Beginners

Advanced Certificate in Human Resource Management and Marketing Management

IDM Nations Campus Sri Lanka

Certificate in Arduino Codecamp Workshop

Institute of Innovators Sri Lanka

Certificate in Information Technology MS Office & Internet E-Mail

Youn Saviya Sri Lanka