

# Jima Dube Nuture

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## EDUCATION

### Addis Ababa Science and Technology University, Ethiopia

June 2024

B.Sc, Software Engineering

**Relevant Coursework:** Data Structures and Algorithms, Object Oriented Programming (OOP), Advanced Programming, Discrete Mathematics, Computer Architecture, Internet Programming, Operating System etc.

### A2SV (African to Silicon Valley) Coding Academy -Backed by Google

Dec 2022 - present

**Relevant Courses** - Problem Solving, Communication skills, Competitive programming, Project development

- A2SV upskills high-potential African students, connects them with top tech companies, and creates digital solutions to urgent problems in their home countries.
- A2SV has placed 50+ students at top-tech companies such as Google, Bloomberg, Databricks, Amazon, LinkedIn, and Square in the last four years.

## EXPERIENCE

### Full Stack Developer

Dec 25 - Present

Shega, Addis Ababa, Ethiopia, Full Time

- Develop digital financial services(**dfs**) which provide data in the finance sector which show the data in different visual ways such as chart, graph, table and pdf.
- Optimize image load to make the response time from 3.0 seconds to 0.5 seconds, used next cache technique and placeholder
- **Tech Stack:** Next Js, React Js ,Typescript, Azure, agile methodology.

### Front End Lead Developer

Sep 2023 - Feb 2023

Microsun Solution, Ethiopia, Part-Time

- Led 5 Front end developers and collaborated on creating dynamic and impact-creating projects.
- Built a responsive and dynamic website with React.js, resulting in a 30% increase in user engagement.
- **Tech stack:** React Js, Typescript, Node js, learning tracker tool, git, github

### Web Developer

June 2023 - Feb 2024

African To Silicon Valley, Addis Ababa, Ethiopia, Full-Time

- Developed a secure API using C# and the .NET Framework, enabling seamless student communication through a media chat app.
- Implemented a clean architecture for the software design, ensuring enhanced modularity, which reduced development time by 20%, and improved maintainability, resulting in a 30% decrease in bug fixes, and scalability.
- Ensured system reliability with 95% test coverage using xUnit, Moq, and FluentAssertions. Integrated JWT security, reducing unauthorized access by 80%.
- **Tech stack:** .NET, Git, Jira, Postman

### Technical Lead Assistance

Dec 2022- July 2023

Google Developer School Club, Ethiopia

- Provided technical guidance on Full-stack development for 40+ GDSC members.
- Led GDSC programs, coordinating with core team members to organize engaging workshops and technical events.

### Full Stack Developer

June 2022 - Feb 2023

KurazTech, Ethiopia, Intern

- Created a website utilizing React and Firebase over 3 months for companies to monitor their vehicle operations.
- Implemented real-time vehicle tracking with Google GPS, achieving 98% accuracy and a 20% boost in operational efficiency.
- Developed functionalities for generating expense and income reports related to fuel, maintenance, and tasks.
- **Tech Stack:** React Js, Node js, Firebase, azure, git, github

## TECHNICAL SKILLS

**Programming Languages:** Python, C#, JavaScript, Typescript, C++, PHP.

**Frameworks / Technologies:** React Js, Node Js, .NET SQL, Git, Tailwind, BootStrap, HTML and CSS.

## SELECTED PROJECTS

### Tune Music Player Website

Apr 2023 - Present

- As the team lead of a group of 5, efficiently developed a user-friendly music player website using React.js,
- This system enables users to easily upload and enjoy their music.
- Technology stack: React.js, Redux, Firebase

## ACHIEVEMENTS

- Award and received a top-ranking certificate of Achievement in an Ethiopia Collegiate Programming Contest.
- Award a certificate from the Google Developer School Club for successful technical leadership and mentorship.