



**Archana TK**  
Full-Stack Engineer

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about me.

Full-stack engineer building user-centric solutions with frontend/backend expertise. Skilled in debugging systems, optimizing performance, and transforming ideas into impactful products through collaborative development.

Experiences.

Frontend Developer - People+ai

Remote → Jan 2025 - Present | [peopleplus.ai/sunva](https://peopleplus.ai/sunva)

Developed the frontend of Sunva AI, an open-source accessibility project empowering the deaf community with AI-driven communication tools

Utilized Next.js for server-side rendering and TypeScript for robust type safety, integrating with Python/ML backend via RESTful APIs

Implemented responsive UI components with conditional rendering and shimmer UI to enhance user experience during data loading states

Implemented responsive UI components that reduce cognitive dissonance by minimizing screen-to-person gaze switching

Ensured WCAG compliance through ARIA attributes and semantic HTML for maximum accessibility

Collaborated with deaf community users to iterate on user-centric design, improving STT and TTS features

Technologies: Next.js, TypeScript, React, Tailwind CSS, Redux, WebSockets, REST APIs, WCAG/ARIA

NodeJs Developer - MetaZ Digital

Bangalore → May 2024 - Jan 2025

Key developer for **HDFC** Bank's collections system via **Vymo** client, implementing critical fixes and enhancements

Maintained mission-critical fintech applications with rapid issue diagnosis and resolution

Debugged complex Kafka/Airflow DAG issues ensuring continuous system availability

Developed data integration between MongoDB, MySQL and Elasticsearch for payment reporting

Collaborated in daily scrum meetings with both Metaz and client teams ensuring efficient delivery

Technologies: Node.js, Express.js, JWT, Microservices architecture, REST API, OAuth, Passport.js, JavaScript, TypeScript, MongoDB, Mongoose, MySQL, Elasticsearch, Kafka, Airflow, SFTP, WebSockets, Git, Jira

React Intern - GamersBack

Remote → Nov 2023 - Mar 2024

Enhanced company website and admin panel using React.js/Vite with responsive Tailwind CSS components

Worked on monolithic architecture to ensure scalable and integrated application design

Implemented JWT authentication system and React Router DOM for seamless navigation

Utilized React-Redux for efficient state management across the application

Technologies: React.js, Tailwind CSS, Material UI , Vite, React Router, Redux, JWT, HTML, CSS, JavaScript, TypeScript, Figma

Socials.

[github.com/archanaprabhat](https://github.com/archanaprabhat)

[linkedin.com/in/archana-tk](https://linkedin.com/in/archana-tk)

[medium.com/@archanaprabhathtk](https://medium.com/@archanaprabhathtk)

[youtube.com/@RedemptionArch/videos](https://youtube.com/@RedemptionArch/videos)

[exercism.org/profiles/archanaprabhat/solutions](https://exercism.org/profiles/archanaprabhat/solutions)

Education.

Chinmaya College

BCA

Recognition.

Lead - Campus Code Club

Sep 2019 - May 2021

Mentor - Tinker-Her-Hack | Tinkerhub Foundation

Kerala → Mar 2 - 3, 2024

Mentored a 24-hour hackathon at Vimal Jyothi Engineering College, guiding seven B.Tech teams with technical support and problem-solving insights.

Computer Science Tutor

Kerala → Dec 2020 - Present

Teach 11th and 12th-grade students programming, data structures, algorithms, and software development concepts, fostering practical problem-solving skills through hands-on coding projects.