

SIVARAMAN S

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Education

Indian Institute of Technology, Dharwad

Master of Technology

Aug 2022 – May 2024

Dharwad, Karnataka

Madras Institute of Technology (ANNA UNIVERSITY)

Bachelor of Technology

July 2017 – May 2021

Chennai, TamilNadu

Skills

Languages: Java, JavaScript

Frontend Technologies: React, Angular, Next.js

Backend Technologies: Node.js, Express.js

Databases: PostgreSQL

Other: operating system, DBMS, Data Structure, Algorithms, Design principles and Patterns.

Experience

Software Engineer

Think42 Labs - Horizen (US)

Oct 2024 – Present

Chennai, Tamil Nadu

- Focused primarily on front-end development, addressing crucial bugs and optimizing performance.

Software Engineer Trainee

Resileo Labs

Jul 2024 – Aug 2024

Chennai, TamilNadu

- Worked on full-stack development using Angular, Node.js, Express.js, and PostgreSQL.
- Developed scalable applications and gained experience in front-end and back-end technologies.

Projects

Music Preference App - *Next.js, PostgreSQL*

[GitHub Link](#)

- User Submissions: Users can submit music links (YouTube) to the app. These links are stored in the PostgreSQL database along with metadata like votes and timestamps.
- Voting System: Implemented a voting feature where users can upvote their favorite tracks. The app displays the track list, ordered by the number of votes, and plays the most popular track next.
- Real-time Updates: Used WebSocket for real-time updates so that whenever a new vote is cast, all users see the updated queue immediately.
- Integration with YouTube API: Fetched video thumbnails and metadata (like duration and title) using the YouTube API, enriching the user experience.

Social Media App - *Postgres, Node.js, Express.js*

[GitHub Link](#)

- Implemented user registration, login, and CRUD operations using Node.js, Express, and PostgreSQL.
- Designed and managed PostgreSQL databases, executing complex SQL queries for user data handling and ensuring efficient data storage and retrieval.
- Developed robust RESTful APIs for user authentication and management, performing thorough testing with Postman to validate endpoints.

Blockchain Explorer - *React.js*

[GitHub Link](#)

- Developed a robust Blockchain Explorer using React.js, showcasing proficiency in frontend development and user interface design.
- Implemented advanced theming capabilities to enhance user experience, demonstrating expertise in UI/UX principles and responsive design.
- Utilized Context API for efficient state management, ensuring seamless data flow and optimal performance across the application.
- Integrated real-time data updates and blockchain interactions, highlighting strong backend integration skills with Node.js.

Courses

Full Stack Web Development (MERN)

Udemy

Data Structures, Algorithms, and System Design

Bosscoder Academy