

Dharun Kumar S H

Chennai, TamilNadu

Information Technology (III Year)

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🌐 <https://github.com/freebird-prod>

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EDUCATION

•Bachelor of Information Technology

Sep 2023 - Jun 2027

Meenakshi Sundararajan Engineering College, Chennai

CGPA: 8.35

•High School Diploma

June 2020 - May 2023

Anita Methodist Matriculation Higher Secondary School, Chennai

Percentage: 78%

PERSONAL PROJECTS

•AI-Driven Content Generation

Developed an AI-driven content generation engine (Gemini) to automate high-quality text creation in seconds.

- Utilized PostgreSQL to build a scalable database for AI-generated content and user data.
- **Technology Used:** Next.js, Tailwind CSS, Gemini, Clerk, PostgreSQL (Neon).v

•AI-Powered Resume Screener

An AI-powered web application automating resume screening and accelerating the candidate selection process.

- Integrated NLP for resume skill parsing, Firebase Authentication & PostgreSQL for security and storage, and the Gemini API for skill gap analysis and accuracy scoring against job descriptions.
- **Technology Used:** React.js, Tailwind CSS, Firebase (OAuth 2.0), NLP (SpaCy), Gemini LLM, Python (Flask).

•AI-Powered Image Generation

An AI-powered web application that transforms imagination into visuals, generating stunning, high-quality images from text prompts.

- Built a responsive web app with HTML/CSS/JS that leverages Hugging Face APIs to generate high-quality AI images from user prompts in real-time.
- **Technology Used:** HTML5, CSS3, JavaScript, HuggingFace LLM, LocalStorage.

•Fan Website of the Movie "Amaran"

A fan-developed web platform dedicated to fostering community and content related to the movie Amaran.

- Features: Characters(Cast), Gallery, Videos(Clips of the movie and songs), Behind the Scenes and FAQ.
- **Technology Used:** React.js, Tailwind CSS, TypeScript, Framer Motion.

•AI-Powered Resume Builder

An AI-powered platform that streamlines resume building, delivering personalized, professional resumes in minutes.

- Developed an AI-powered resume builder using React.js and Tailwind for the frontend, with a Node.js/Strapi backend for dynamic templates and PostgreSQL for secure data storage and analytics, all enhanced by Gemini for content generation.v
- **Technology Used:** React.js, Tailwind CSS, Gemini LLM, Node.js, Strapi CMS, PostgreSQL (Neon).

•ForestFire - Prediction and Prevention

Developed a Digital Reads platform that allows users to access and share e-books in a digital library environment.

- Created a platform for users to access and share e-books within a digital library environment.
- Enabled personalized experiences and content sharing within the Digital Reads platform.
- Technology Used: React.js, Tailwind CSS, Supabase, ML Algorithms.

EXPERIENCE

•Web Development Internship

Jan 2024 - Feb 2024

Adaovi

Online

- Developed and implemented front-end features using Next.js, enhancing user experience and application performance.
- Designed and built RESTful APIs with Node.js for efficient data retrieval and management between front-end and back-end.

•Mobile Application Development Internship

Sep 2024 - Oct 2024

Skill Vertex

Online

- Developed a responsive mobile application for Skill Vertex using Flutter.
- Contributed to the full mobile application development lifecycle, from design to implementation.

TECHNICAL SKILLS

Languages: Python, Java, SQL, HTML5, CSS3, Javascript

Frameworks/Libraries : React.js, Next.js, Flask, Node.js, Express.js

AI & Automation : LLM, Hugging Face, REST APIs

Web Dev Tools: VS Code, Git, Github, Cursor

Frameworks: React.js, Next.js, Vue.js

Cloud/Databases: MongoDB, Firebase, PostgreSQL, Supabase

Relevant Coursework: UI/UX Design, Front-End Engineering, React.js Development

Areas of Interest: Web Design and Development, Database Management.

Soft Skills: Problem Solver, Self-learner, Team Worker, Creative Thinker

POSITIONS OF RESPONSIBILITY

•**Student Co-Ordinator:** Asthra 2k25 - National Level Technical Symposium

17 April 2025

– Helped to manage close to 300 attendees in the event.

ACHIEVEMENTS

•Secured third place in a Hackathon conducted by S.A Engineering College 18th October 2024