

## Objective

Results-driven Software Engineer with a proven track record of creating user-centric applications and a broad range of technical skills, eager to leverage expertise in software engineering, computer vision, and AI to drive technological advancements and deliver impactful software solutions.

## Education

### Bachelor of Engineering - Computer Science and Engineering

Tamil Nadu, India

PSNA College of Engineering of Technology (CGPA:8.42)

2020 - 2024

### Class XII (State Board)

Tamil Nadu, India

Sri Krishna Matriculation Higher Secondary School (Percentage: 81%)

2020

### Class X (State Board)

Tamil Nadu, India

CEOA Matriculation Higher Secondary School (Percentage: 92%)

2018

## TECHNICAL SKILLS

**Programming and Development Languages:** Machine Learning, Python, Django, Java, JavaScript, C, C++, Dart, HTML, CSS, SQL, PHP

**Tools and Techniques:** VSCode, Figma, MongoDB, AWS S3, PySpark

**Web Development Frameworks:** ASP.NET, Node.js, ReactJS, ExpressJS, Flutter

## AREA OF INTEREST

Computer Vision, Machine Learning, Object Oriented Programming, Database Management Systems, Data Structures and Algorithms, Artificial Intelligence, Full Stack Development, NLP, Large Language Models

## EXPERIENCE

### Full Stack Developer

November 2023 – Current

#### AgamWorks Tech Solutions Private Limited

Tamil Nadu, India

- Implemented front-end development for the Hospital appointment booking system "Prac360" available on both Play Store and App Store. Currently leading the creation of a Flutter-based e-commerce application for a jewelry shop and a website for managing organization members, utilizing Node.js and TypeScript for backend integration with Firebase API and MongoDB.

### Frontend Development Intern

July 2022 – December 2022

#### VJH Software Private Limited

Tamil Nadu, India

- Engineered and fine-tuned Android and IOS applications, resulting in a notable 30% surge in user engagement and overall satisfaction within a dynamic real-time supermarket platform. Demonstrated proficient utilization of HTML, CSS, and JavaScript to deliver compelling UI/UX enhancements.

### Software Engineer Intern

January 2021 – May 2021

#### Sriyaditha Graphics and Universe

Tamil Nadu, India

- Contributed to the development of a vehicle parking management application, adeptly utilizing PHP within an ASP.NET environment for front-end development. Collaborated on SQL-based optimization of the database architecture, resulting in enhanced application performance and increased user engagement. Implemented XML for design elements and leveraged Java and JSON for connectivity within the Android Studio environment, ensuring seamless integration and efficient communication within the application framework.

## PROJECTS

### Food Ordering System:

- Developed a cross-platform food ordering application for users and orders management website for admins for the college canteen, leveraging Android Studio for front-end development, XML for design, and Java and JSON for connectivity to the PHP backend hosted on the CodeIgniter platform. Utilized SQL for efficient database management, resulting in an enhanced dining experience.

### Complaint Box Application:

- Developed a mobile application for students to report college environmental issues, employing efficient communication methods and real-time data analytics (Python, Pandas, NumPy). Leveraged RESTful APIs and WebSockets to expedite issue resolution, optimizing operational efficiency and enhancing user experience.

### Gym Buddy: Personalized Workout and Nutrition Advisor

- Orchestrated the creation of Gym Buddy, architecting its front-end with Flutter and backend with Node.js (TypeScript) and MongoDB. This innovative platform provides customized workout suggestions and nutritional guidance, powered by seamlessly integrated APIs. This resulted in heightened user engagement and sustained adherence to fitness regimens.

## CERTIFICATIONS

- |  |                                       |
|--|---------------------------------------|
| • Advanced Java Programming            | • Applied Machine Learning Algorithms |
| • Python for Data Science              | • Python Basics to Core               |
| • NLP with Python for Machine Learning | • R101                                |

## CO-CURRICULAR ACTIVITIES

- Led and empowered the Toastmasters Club, driving the improvement of public speaking skills through workshops and strategic initiatives, ultimately leading to enhanced communication abilities and substantial club growth.
- Grade 4 Keyboard Player (Trinity of London)
- President (College Symposium 2022)
- Winner-Paper Presentation on Artificial Intelligence (KCT Coimbatore)