

# Nithin Balaji

Information Technology Undergraduate . Developer

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## 🎓 EDUCATION

### SSN College of Engineering

2020 - 2024 | Chennai, India

B.Tech in Information Technology (Register No. 205002055)

**CGPA:** 8.82/10

**Activities:** President of ProCoDe Coding club, Technical Head of Programming in SSN ACM W and Coding Club

## 💼 EXPERIENCE

### BalkanID

Jul - Aug, 2023 | Austin, Texas

Engineering Intern

- Worked on developing back-end components essential for integrating the needs of the customers using API.
- Conducted a comprehensive analysis to determine the feasibility of potential projects.

### Ticketh.io

Apr, 2023 | Chennai, India

Full Stack Developer Intern

- Worked on the company's front-end using React and Tailwind CSS.
- Researched on blockchain technology and identified specific issues that need to be addressed by the company.

### Niyamaa Life Sciences

Oct - Nov, 2022 | Chennai, India

Front-end Developer

- Designed and developed a website for Niyamaa Life Sciences, a pharmaceutical distributor.
- Helped the company in finding best hosting options and hosted their website.

## 📁 PROJECTS

### Favalist Social Media 🌐 📱 | HTML, Tailwind CSS, JavaScript, AngularJS, ExpressJS, MongoDB

- A platform to discover like-minded individuals based on shared interests.
- Implemented user authentication, Spotify OAuth to fetch music history and parsed the data.
- Displays possible matches in the home feed by analyzing music taste & user-entered interests.

### GPS based College Bus Tracking Website 🌐 📱 | HTML, Bootstrap, Flask, Google Maps API, MongoDB

- Bus Tracker that works based on the location shared by students travelling on the bus and Maps API.
- Developed user authentication, location update methods and admin & student dashboard.
- In plans to integrate it with college management for the usage of students.

### September Windows Personal Assistant 🌐 📱 | Python, Tkinter, Wolfram Alpha API

- An open-source voice assistant for Windows developed completely in Python.
- Created customizable wake word, text-to-speech & speech-to-text using Google Speech Recognition module.
- Integrated OS system calls, application control and scientific & mathematical knowledge support.

## 🔧 TECHNICAL SKILLS

**PROGRAMMING LANGUAGES** Python | C/C++ | JavaScript | Java | SQL

**FRONT-END DEVELOPMENT** HTML/DOM | CSS | Tailwind CSS | Bootstrap | ReactJS | Figma

**BACK-END & DATABASES** Flask | ExpressJS | NextJS | NodeJS | MySQL | PostgreSQL | MongoDB

**COMPUTER SCIENCE** Data Structures | Algorithms | Git | GitHub | Networks | REST API | DBMS | OS

## ★ ACHIEVEMENTS

- Runner Up in VIVID 6.0 National Level Project Competition (09/2022)
- National level Finalist of Smart India Hackathon (08/2022)
- Verified Bot Developer on Discord.
- Developed the website for International Conference on Computer Communication & Signal Processing, 2024.
- Worked with the website development team and organised an event in Invente '22 and Invente '23 - SSN Tech Fest.
- Represented college and department in hackathons and inter-college festivals.