

# SATHISH KUMAR P

Software Engineer

Email: [sathishkumarp.becse2023.official@gmail.com](mailto:sathishkumarp.becse2023.official@gmail.com)

Address: 43, Chozhamannan St, MGR Salai, Periyar Nagar,  
Tharamani, **Chennai-600113**, Tamil Nadu, India

Contact No: +91-6379065231

## Professional Summary

- Fundamentally strong in Programming Languages like **C, C++, Java, Python**.
- Practical Experience with MERN Stack like **MongoDB, Expressjs, Reactjs, Nodejs**.
- Good knowledge of working with Back-end Java frameworks like **Spring, Spring Boot, and Hibernate**.
- Good knowledge of working with ChatGPT AI like **Prompt Engineering**.
- Good understanding in **Object-Oriented Programming System (OOPS)**.
- Strong knowledge of **Problem-solving** and troubleshooting.
- Good knowledge of working with Front-end Technologies like **HTML, CSS, Bootstrap, and JavaScript**.
- Ability to implement projects along with **Data structures** and **Algorithms**, Design patterns like **OOAD**.
- Having good knowledge of all phases of **SDLC** like requirement gathering, analysis, design, and development.
- Excellent database programming skills with Relational databases like **SQL (MySQL)**
- Team Player, Leadership, Time Management, Pressure Handling, Communication Skill, Sincerity

## Internship Experience

Organization	Designation	Periods
Brassy Academy (Internship)	Trainee: <b>Java</b> Developer	Jan 2023 – August 2023

## Course Completion Certification

Institution Name	Course Name	Periods
Besant Technologies	<b>Full-Stack Development</b>	Dec 2023 – May 2024
Prepinsta Prime	Python, <b>AI/ML</b>	Oct 2024 (present)

## Academic Profile

BE <b>CSE</b>	2019-2023	<b>8.15 CGPA</b>
<b>HSC</b>	2019	71%
<b>SSLC</b>	2017	93.4%

## Technical Skills

➤ Operating systems	:	Linux, <b>Windows</b> .
➤ Programming Languages	:	<b>C</b> , C++, <b>Java</b> , Python.
➤ Scripting Languages	:	<b>HTML</b> , <b>CSS</b> , JavaScript, TypeScript
➤ DBMS	:	<b>MySQL</b> , MongoDB, PostgreSQL
➤ Client Technologies	:	Bootstrap, <b>Reactjs</b> , Nodejs, Expressjs.
➤ Development Tools	:	IntelliJ, NetBeans, <b>Visual Studio</b> , Eclipse.
➤ Other Tools	:	GitHub, MS Excel, MS Word, MS PowerPoint, Canva
➤ Web/Java-J2ee framework	:	<b>Spring Boot</b> , Spring, Hibernate, Microservices, Rest API.
➤ Technologies	:	Web Services, JSON, JSP, Servlets, <b>JDBC</b> , <b>API</b>
➤ Tools	:	JIRA, Prompt Engineering, ChatGPT

## Project Profile

### Project 1:

#### Billing Management System (Solo Project)

**Description:** Developed a Billing Management System using **Java Swing (JFrame Forms)** and **MySQL** to streamline buyer and product history management. The application features a user-friendly interface for efficient data entry, billing, and reporting.

#### Role & Responsibilities:

- Designed and implemented the database using MySQL.
- Developed the user interface with **Java Swing (JFrame Forms)**.
- Handled billing logic and data management with Java and MySQL.
- Conducted unit testing and debugging.
- Deployed the application using NetBeans IDE.

**Environment:** Java (Swing), **JFrame Forms**, **NetBeans IDE**, **JDBC**, **MySQL**

## Project 2:

### AI based Cardless ATM Transaction using Face Recognition (Team Project)

**Description:** Designed and implemented a secure ATM authentication system that replaces traditional ATM cards with facial recognition technology combined with PIN verification. The system leverages Convolutional Neural Networks (CNNs), a deep learning technique, to accurately recognize and match user faces with their bank account information. This innovative approach mitigates common security threats such as ATM card theft, skimming, and the Lebanese loop, ensuring a safer and more reliable banking experience in Python IDE.

#### Key Features:

- Enhanced security by integrating facial recognition with PIN authentication.
- Utilized CNNs to achieve high accuracy in face detection and recognition.
- Improved user convenience with a cardless and seamless transaction process.

**Technologies Used:** Python, OpenCV, TensorFlow, CNN

## Reference Links

Portfolio Website:

GitHub Profile: <https://github.com/sathishkumarcodes>

Linked-in Profile:

Skill rack Coding Platform: <http://www.skillrack.com/profile/407073/Problem Solving>

#### Declaration

I hereby declare that the information provided above is true and accurate, to the best of my knowledge. If I get the opportunity to work in your organization, I assure you that I will perform to the best of my abilities.

P. SATHISH KUMAR