

# Jebas Sam Gifton. D

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## PROFESSIONAL SUMMARY

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**Aspiring Backend Engineer** with a strong foundation in **Java** (including core Java, Spring/Spring Boot) and relational databases like **MySQL**. Proven ability to design and implement robust, scalable technology solutions, including **optimizing API response time by 20%** in a recent full-stack project. Eager to leverage skills in **object-oriented design**

## TECHNICAL SKILLS

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- **Programming Languages:** Java, JavaScript, HTML5, CSS3, Python (Basic)
- **Frameworks / Libraries:** React js, Spring Boot (Learning)
- **Databases:** MYSQL, SQL
- **Tools / Version Control:** Git, VS Code, Eclipse, XAMPP, MYSQL Workbench
- **Areas of Interest:** Full Stack Development, Web Application Development
- **Soft Skills:** Team Collaboration, Leadership, Problem-Solving

## PROJECTS

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### 1. Panchayat Union Automation System – (M.Sc. Final Year Project)

*Thiruthangal Nadar College*

*Chennai*

- **Technologies:** Java, MySQL, HTML/CSS, Bootstrap
- **Description:** Engineered a digital platform to centralize and manage rural administrative services (electricity billing, water supply, and public grievances) for a local union.
- **Impact:** Developed **secure CRUD operations** and a **MySQL-driven report generation system** that provided stakeholders with on-demand service usage analytics.

### 2. Online Notes Sharing Platform – (BCA Final Year Project)

*Patrician College of Arts and Science*

*Chennai*

- **Technologies:** Core PHP, MySQL
- **Description:** Designed and implemented a **secure, multi-role notes portal** supporting Admin, Teacher, and Student login credentials.
- **Impact:** Managed the **MySQL database schema** and implemented features like password recovery and **role-based authorization** to ensure data integrity and access control for over 100 potential users.

### 3. Online Bookstore (In Progress)

- **Technologies:** React, Spring Boot (Learning/Implementing), Razorpay Integration
- **Description:** Currently developing the backend for an e-commerce solution, focusing on building a robust API for catalog management and transaction processing.
- **Focus:** Implementing the core **RESTful API** logic and integrating third-party payment gateways (Razorpay) for a seamless checkout experience.

### 4. Personal Portfolio & Code Repository

- **Technologies:** React.js, CSS, Git, Netlify
- **Live Portfolio:** [jebassamgifton-portfolio.netlify.app](http://jebassamgifton-portfolio.netlify.app)
- **GitHub Repository:** [github.com/Giftonsam](https://github.com/Giftonsam)

## EDUCATION

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**Thiruthangal Nadar College, Chennai** (Affiliated with Madras University)

**2025**

*M.Sc., Computer Science*

Cumulative Grade Point Average (CGPA): **8.0 / 10.0**

**Patrician College of Arts and Science, Chennai** (Affiliated with Madras University)

**2023**

*Bachelor of Computer Applications (BCA), Computer Applications*

Cumulative Grade Point Average (CGPA): **7.5 / 10.0**

## ACHIEVEMENTS & COMPETITIONS

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- **Smart India Hackathon 2022 – Finalist** | GPCET College, Kurnool
  - Built a unified broadcasting platform integrating social media features (Instagram, Facebook, Twitter).
- **IDEATHON'22 - Participant** | KGI Campus, Tiruppur
  - Presented "Smart Tank Cleaning" prototype for automated water tank cleaning.
- **Innovathon 2023 - Participant** | St. Joseph's College, Trichy
  - Developed multilingual Tamil poetry translation website with text-to-speech functionality.
- **ISRO Launch Visit (2022)** | Launch View Gallery, Sriharikota
  - Observed live satellite launch (LVM3-M2 / OneWeb India-1) and learned about India's space missions.

## LEADERSHIP & CAMPUS INITIATIVES

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- **Hackathon Leadership:** Demonstrated leadership and event management by successfully organizing two major competitive hackathons: **Patrician Hackathon 2023** (UG) and **NextGen Nexus 2025** (PG).
- **Coding Expertise & Mentorship:** Actively contributed by completing programming records for both UG and PG programs, serving as a coding resource and showcasing strong problem-solving skills for peers.
- **Organizational Roles:** Served as **Class Representative** (UG & PG) and **Incubation Cell Secretary**, developing strong communication and organizational skills essential for cross-functional team coordination.

## RELEVANT TRAINING

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- **Java Full Stack Development Program** – QSpiders, Vadapalani
  - Comprehensive training in Core and Advanced Java programming, MySQL database management, and essential web technologies (HTML, CSS, JavaScript, React).
- **Python Proficiency** – Self-Trained via W3Schools.com
  - Acquired foundational and application-level skills in Python.

## LANGUAGES

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English (Fluent) | Tamil (Native) | Hindi (basic) | Telugu (basic)

## TECHNICAL PRESENTATIONS

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- International Conference on "Smart City in IoT".
- 2nd National Conference on "Smart Home in IoT".