

# Mathan A

## Java Developer

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### CARRER SUMMARY

Result-driven **Java Developer** with a solid foundation in **Java, Spring Boot, Hibernate, and REST API development**, combined with knowledge of **database technologies (MySQL, MongoDB)**. Experienced in building **scalable, high-volume, and low-latency applications for mission-critical systems**, ensuring **top-tier availability and performance**. Adept at **writing efficient, testable code**, optimizing system performance, and integrating modern tools for continuous improvement. Proven track record in **real-world projects, internships, and hackathons**, showcasing innovation and technical excellence.

### INTERSHIP

#### Java Developer Trainee – Besant Technologies | Jun 2025 – Present

- Trained in **Core Java, Spring Boot, JDBC, and database integration**.
- Developed and tested mini-projects implementing **CRUD operations with REST APIs**.
- Gained hands-on experience in **MySQL connectivity, performance tuning, and optimized queries**.
- Implemented **unit testing (JUnit)** for ensuring **reliable and scalable applications**.

### EDUCATION

- **Bachelor of Information Technology** | Kings Engineering College, Chennai | CGPA: 8.3 (2021-2025)
- **Higher Secondary Certificate (HSC)** | Anderson Hr. Sec. School | 85% (2020-2021)
- **Secondary School Leaving Certificate (SSLC)** | Govt. ADW High School | 75% (2018-2019)

### SKILLS

- **Languages:** Java, Python, C++
- **Back-End:** Spring Boot, Node.js, Express.js, REST API
- **Front-End:** React.js, JavaScript, HTML, CSS, Tailwind CSS, Redux
- **Databases:** MySQL, MongoDB
- **Version Control & Tools:** Git, MS Office
- **UI/UX:** Figma, Adobe Photoshop

### ACHIEVEMENTS

- **Best Performing Team** at IDE Bootcamp Phase-III, Kalasa lingam Academy of Research & Education, Madurai (2024).
- **Selected for SIH 2023 – Senior Software Edition** at QIS College of Engineering & Technology for **Fire Detection & Alert System**.
- **3rd Prize – Hackathon Expo** at Kings Engineering College (2022) for **Innovative IoT Project (TOM)**.

### CERTIFICATIONS

- **React JS** – Great Learning
- **Java, Git** – IIT Bombay (Spoken Tutorial)
- **MongoDB** – Smart Bridge
- **Python, C, C++, MySQL, VB** – Honors Diploma in Computer Applications

### PROJECTS

#### College ERP System

*Technologies:* React.js, Tailwind CSS, Redux, Express.js, MongoDB, JWT

- Developed an **ERP system for student data management**, including **attendance & scheduling**.
- Implemented **role-based access control** for security using **JWT authentication**.
- **Optimized database queries**, reducing response time and improving **system performance** for large datasets.
- Designed **mobile-first responsive UI** with **Tailwind CSS** for seamless access across devices.

#### Mini Projects (Spring Boot + MySQL)

- Built **REST APIs for CRUD operations** with **exception handling and validation**.
- Integrated **MySQL database** and implemented **optimized queries** for better performance.
- Applied **JUnit testing** for reliable and maintainable code.

### LANGUAGE

ENGLISH      TAMIL