

SOORYA PRAKASH M

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PROFILE SUMMARY

A results-driven Software Developer with expertise in Spring Boot, .NET, SQL, and front-end technologies. Passionate about designing scalable web applications and APIs, ensuring seamless user experiences, and optimizing database performance. Proven ability to develop, test, and deploy full-stack applications efficiently.

WORK EXPERIENCE

M² Squared Software Services Pvt. Ltd | Technopark, Trivandrum Internship (June 2024 - July 2024) |

- Developed and optimized RESTful APIs using Spring Boot, enhancing data retrieval efficiency by 90%.
- Designed and optimized the E-Book Emporium, an interactive online bookstore with secure payment integration, boosting user engagement by 35% and increasing transaction efficiency by 40%.
- Implemented database indexing and query optimization, reducing query execution time by 90%.

PROJECTS

E-Book Emporium (Spring Boot, MySQL, HTML / CSS)

- Developed a robust e-commerce platform for e-books, implementing advanced search filters and a secure payment gateway.
- Implement a user-friendly admin dashboard for inventory management and sales analytics.

Bank Management System (Java, MySQL, HTML / CSS)

- Generate a high-performance online banking system, improving transaction security by 100% and streamlining account management and loan processing efficiency by 85%.
- Integrated two-factor authentication, reducing unauthorized access attempts by 50% and significantly enhancing system security.

Hospital Management System (PHP, MySQL, HTML / CSS)

- Engineered a scalable hospital management system, improving patient registration efficiency by 100%, reducing appointment scheduling time by 15%, and automating billing processes to enhance financial accuracy by 30%.
- Generate an automated appointment scheduling module, reducing patient wait times by 10%.

Predictive Analysis for Lung Cancer (Python, HTML / CSS)

- Designed and developed a high-performance web-based lung cancer detection system, enhancing early diagnosis accuracy by 95% and reducing manual diagnostic time by 80% through machine learning (SVM) and image processing.
- Integrated robust error handling and confidence-based prediction scoring, improving diagnostic reliability by 90% and minimizing incorrect predictions by 60% for real-world healthcare applications.

CERTIFICATES

- Java Certification** – Besant Technologies
- Data Science Bootcamp** – Udemy
- Games and Information** – NPTEL
- Higher-Level Typewriting** in English and Tamil
- Advanced SQL and Java Certification** – Hacker Rank
- Published Paper** in International Conference on AI and Data Analytics

SKILLS SET

- Programming Languages:** Java
- Frameworks and Tools:** Spring Boot, .NET
- Front-End:** HTML, CSS, JavaScript, Bootstrap
- Database Management:** SQL, MongoDB
- Soft Skills** - Strong verbal and written communication, Leadership in cross-functional teams, Strategic problem-solving.

HOBBIES

- Reading News Paper and Books**
- Learning Music**

EDUCATION

- (PG) Master of Computer Application (MCA)** Francis Xavier Engineering College, Tirunelveli 2023 - 2025 | CGPA: 8.0
- (UG) Bachelor of Information Technology (BSC IT)** Pope's College, Sawyerpuram, Thoothukudi 2020 - 2023 | CGPA: 8.3
- (HSC) Pope's Memorial Hr. Sec School, Sawyerpuram, Thoothukudi** 2019 - 2020 | Percentage: 57%
- (SSLC) St. Joseph Matric Hr. Sec School, Pudukkottai, Thoothukudi** 2018 - 2019 | Percentage: 83%

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge.

Soorya Prakash M