

# PRAVEEN SM

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## PROFESSIONAL SUMMARY

Full Stack Developer with expertise in Java, Spring Boot, React.js, Servlets, and MySQL. Passionate about building scalable web applications, optimizing backend performance, and solving complex technical challenges. Strong foundation in DSA, problem-solving, and Agile development.

## SKILLS & TECHNOLOGIES

- Programming & Frameworks: Java, JavaScript, React.js, Spring Boot, J2EE, Servlets, JSP
- Databases & Backend: MySQL, JDBC, REST API, Hibernate
- Tools & Platforms: Tomcat, Agile, CI/CD
- Other Skills: Data Structures & Algorithms (DSA), System Design.

## WORK EXPERIENCE - INTERNSHIP

### Associate Software Intern

MomentumMerge Consultancy Services Pvt. Ltd. | Bengaluru (Present)

#### Vehicle Management System (Solo Project)

- Developed a full-stack web application using Java, Servlets, JSP, JDBC, and MySQL.
- Implemented authentication & CRUD operations, improving efficiency by 40%.
- Optimized database queries, reducing data retrieval time by 30%.

#### Job Seekers Website (Team Project)

- Developed the frontend using React.js and collaborated with the backend team for REST API integration
- Implemented state management & UI optimizations, improving app speed by 20%.
- Worked in an Agile environment, participating in sprint planning & daily standups.

## PROJECTS

#### AI-Based Drowsiness Detection (YOLO Algorithm, OpenCV)

- Designed a real-time AI model to detect drowsiness based on facial expressions & eye movement.
- Achieved 85% accuracy in detecting early signs of drowsiness.

#### QR Code Generator (React.js)

- Developed a QR Code generator with customizable themes & real-time preview.
- Hosted live at: <https://smpraveen8.github.io/QRcodeGenerator/>

## EDUCATION & CERTIFICATIONS

### B.E. in Electronics & Communication Engineering

KPR Institute of Engineering and Technology, Coimbatore | 2020 - 2024 | CGPA: 7.59

### Certified Full Stack Web Developer

Tap Academy, Bengaluru | May - Nov 2024

## HOBBIES & INTERESTS

- Problem-Solving – Practicing DSA on TAI platform to enhance algorithmic thinking.
- Team Sports (Football) – Developing teamwork, leadership, and strategic thinking.