

# Abilash R

## SOFTWARE ENGINEER

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### Professional Summary

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Results-driven Web Developer with 6 months of hands-on experience specializing in developing scalable web applications using React.js and Node.js. Strong proficiency in JavaScript, MySQL, REST API development, and authentication mechanisms. Passionate about problem-solving and debugging complex issues to enhance system performance and user experience.

### Experience

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#### Web Developer | SmileSoftcom

2024 – 2025

- Developed and maintained React.js applications with role-based authentication.
- Integrated **MySQL database** with Express.js APIs for CRUD operations.
- Implemented **JWT authentication** and session management.
- Designed and optimized **RESTful APIs** for efficiency and security.
- Used **React Query** for efficient data fetching and caching.
- Debugged and optimized **performance issues** in React components.

### Projects

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#### 1. School Management | React.js, Node.js, Express.js, MySQL, JWT

- Developed a React.js dashboard with role-based access control (Admin, HR, Employee).
- Built CRUD APIs in Node.js & MySQL for managing employees.
- Implemented pagination, filtering, and search features for large datasets.

#### 2. HR Management System | React.js, Node.js, Express.js, MySQL, JWT

- Created a web-based attendance tracking system with role-based access.
- Designed dynamic filtering for attendance records based on user roles.
- Implemented Excel/CSV export functionality for reports.

#### 3. Secure Authentication System (React.js, Node.js, JWT)

- Developed a login & registration system using JWT authentication.
- Implemented password hashing (bcrypt.js) for security.
- Integrated role-based permissions for different user types.

## Education

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### Master Of Computer Application

Sep 2022

Maharaja Institute Of Technology, Mysore (VTU) | CGPA: 7.6

### Bachelor Of Computer Application

May 2020

St. Philomena's College, Mysore (UOM) | CGPA : 6.7

## Technical Summary

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### Frontend:

- React.js, JavaScript (ES6+), HTML5, CSS3
- Responsive Web Design, Tailwind CSS, Material UI
- Redux, Context API, REST API Integration
- State Management, Performance Optimization, Component Lifecycle

### Backend:

- Node.js, Express.js
- REST API Development & API Security
- JWT Authentication, Role-Based Access Control, CRUD Operations
- MySQL, Query Optimization, Sequelize, mysql2

### Tools & Technologies:

- Git & GitHub
- Postman, Swagger API Documentation
- Basic AWS, Linux Commands

### Soft Skills:

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- Problem Solving And Debugging
- Critical Thinking
- Adaptability & Quick Learner
- Continuous Learning Attitude
- Passionate
- Teamwork

## Certifications

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- **SQL and Relational Databases** – IBM Developer Skills (Oct 2023)
- Telstra Cybersecurity Virtual Internship Program(05/2023)
- Data Analysis with Python (10/2023)