

# NITHESH R KOTIAN

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## OBJECTIVE

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MCA graduate with hands-on experience in Full Stack Development using Java, React.js, Node.js, and databases (MySQL, MongoDB). Skilled in building scalable, high-quality applications following Agile methodology, SDLC, and SOLID principles. Strong foundations in programming, architecture & design fundamentals, testing, and debugging with proven ability to deliver real-world digital solutions. A fast learner and proactive team contributor, passionate about client-focused software delivery, quality assurance, and digital transformation.

## EDUCATION

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- **Master of Computer Applications | 8.84 cgpa** Dec 2023 - Aug 2025  
ST Joseph Engineering College Mangalore
- **Bachelor of Computer Applications | 8.93 cgpa** Sep 2020 - Aug 2023  
Sharada College, Talapady, Mangalore
- **PUC (XII) | 90%** Mar-2020  
Directorate of Higher Secondary Education (DHSE), Kerala
- **SSLC (X) | 90%** Mar-2018  
Kerala Board of Public Examinations (KBPE)

## SKILLS

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- **Programming Languages:** Core **Java**, **Python**, JavaScript (ES6+), C#,
- **Frameworks & Libraries:** **React.js**, React Native, **Node.js**, **Express.js**, Bootstrap, Tailwind CSS, Material UI, Spring Boot (familiarity), **Angular (basic)**
- **Databases:** MySQL, **MongoDB**, Firebase
- **Web Technologies:** HTML5, CSS3, RESTful APIs, PHP
- **AI/ML & Data:** Basics of **Machine Learning** with **Python** (NumPy, Pandas, Matplotlib), **Data Preprocessing**, Model Training & Evaluation
- **Tools & Platforms:** Git, GitHub, Postman, XAMPP, Android Studio, Visual Studio, Eclipse, MS Office, IntelliJ IDEA, **AWS (Workshop)**
- **Software Development Practices:** Agile & Scrum, SDLC, Testing & Debugging

## PROJECTS

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- **AYUSH | React Native, Node.js, Express.js, MongoDB**

Developed a cross-platform mobile application integrating Ayurvedic product sales with pooja service scheduling. Built dual modules for Customer (browsing, ordering, booking) and Admin (product, order, appointment management). Implemented real-time updates, calendar scheduling, and notifications. Followed Agile methodology, SDLC best practices, and quality assurance processes while using MongoDB for efficient data management.

- **QUESTION PAPER GENERATION SYSTEM | React, Node.js, Express.js, MongoDB**

Designed and developed a dynamic Question Paper Generation System enabling teachers to manage questions, define patterns, and generate papers aligned with COs, POs, and Bloom's Taxonomy. Ensured optimized performance through modular design, code reviews, and testing.

- **UNIQUE SOLUTION | Html, CSS, JavaScript, Php, MySQL**

Developed a responsive website for laptop, computer, inverter, and CCTV service booking. Used HTML, CSS, JavaScript, and PHP to create a user-friendly interface with media queries for seamless accessibility across all devices.

- **DRUG RIAL | Html, Bootstrap, JavaScript, Php, MySQL**

Developed an e-commerce platform for medical products with secure product management and ordering flow. Applied software quality checks, modular coding, and agile practices to ensure maintainability.

- **CODEXSPOT REPOSITORY | MySQL**

Built a DBMS mini-project for an online learning platform using MySQL. Designed ER models, normalized schema, and implemented complex queries, triggers, views, and stored procedures. Focused on database optimization, security, and query performance.

## INTERNSHIP

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### **Software Development Intern — *Softionik Solutions (OPC) Pvt. Ltd., May–July 2025***

- Developed Ayush, a cross-platform mobile app using React Native, Node.js, Express.js, MongoDB, and JWT authentication, implementing RESTful APIs for seamless mobile-backend integration.
- Collaborated in an Agile team, contributing to requirement analysis, testing, debugging, code reviews, and ensuring adherence to SDLC and quality standards.

### **Web Developer— *Qtech Solutions, April-June 2023***

- Developed front-end and back-end modules using HTML, CSS, JavaScript, PHP, and MySQL, gaining experience in responsive design, and database management.
- Worked in an Agile team, contributing to unit testing, client-side validation, debugging, and improving overall problem-solving skills.

## CERTIFICATIONS

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- Fundamentals of Java Programming | *Coursera*
- Introduction to Web Development with HTML, CSS, JavaScript | *Coursera*
- The Complete Full-Stack Web Development Bootcamp | *Udemy*
- React Native Unveiled: From Basics to Mobile Mastery | *Udemy*
- Data Visualization with Power BI | *Great Learning*

## ACHIEVEMENTS & WORKSHOPS

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- Secured 2nd Place in a One-Day Hackathon organized at *St. Joseph Engineering College (SJEC)*.
- Participated in AWS Unleashed Workshop conducted by *Mr.Dhanaba l T*.
- Participated in one week workshop on placement and training conducted by *iSkew*.
- Committee Head of Event Management and Drafting, *Joshiana 2024, SJEC*.