NITHESH R KOTIAN

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OBJECTIVE

MCA graduate with hands-on experience in **Full Stack Development** (Java, React.js, Node.js, MongoDB). Skilled in building scalable applications using **Agile methodology, SDLC & SOLID principles**. Strong foundation in **programming, database optimization, and debugging**. Recognized for **problem-solving, adaptability, and leadership** through hackathons and academic projects.

SKILLS

- **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)
- **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, MS Office, IntelliJ IDEA, AWS (Workshop)
- **Software Development Practices:** Agile & Scrum, SDLC, Testing & Debugging

PROJECTS

- **AYUSH | TypeScript, 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

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.

Adversarial Nibbler Program- Google, *July-Sep 2024*
- Worked on AI generation models and contributed to model training.
- Collaborated with interdisciplinary teams to enhance AI solutions.
- Developed practical skills in machine learning workflows.

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.

EDUCATION

- **ST Joseph Engineering College Mangalore**
  Master of Computer Applications
  Aug 2025
  CGPA: 8.84/10

- **Sharada College, Talapady, Mangalore**
  Bachelor of Computer Applications
  Aug 2023
  CGPA: 8.93 /10

- **Directorate of Higher Secondary Education (DHSE), Kerala**
  PUC (XII)
  Mar-2020
  Percentage: 90%

- **Kerala Board of Public Examinations (KBPE)**
  SSLC (X)
  Mar-2018
  Percentage: 90%

CERTIFICATIONS

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

ACHIEVEMENTS & WORKSHOPS

- Secured Second Place in a One-Day Hackathon
  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*

SOFT SKILLS
- Team Player
- Adaptability
- Communication
- Positive Thinker
- Time Management
- Problem-Solving

INTERESTS
- Traveling
- Food
- Cricket
- Self-improvements