

# Mohamed Atheeq Ahmed M J

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## TECHNICAL SKILLS

**Languages:** Java, Dart, C/C++, Python, HTML5, CSS3, JavaScript  
**Frameworks:** React.js, Spring Boot, Flutter  
**Databases:** MySQL, PostgreSQL  
**Tools:** Docker, Git, TensorFlow, Microsoft Workspace  
**Others:** Spline3D, Blender, Adobe After Effects, Content Writing, Prompt Engineering

## EXPERIENCE

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| <b>Dr. Shaik's Healthcare</b><br><i>Team Lead, Software Development</i> <ul style="list-style-type: none"><li>– Led development of <i>Health Box</i>, a hospital and pharmacy management system.</li><li>– Oversaw backend logic, project design, and team collaboration.</li></ul>  | May 2024 – Present<br><i>Remote</i> |
| <b>CodeX Technical Club</b><br><i>President &amp; Non-Tech Admin</i> <ul style="list-style-type: none"><li>– Organized coding contests, web dev workshops, and tech fests with GITAM's student life dept.</li><li>– Previously served as App Dev Lead (Jun 2023 – Mar 2024), worked on real-time Spring Boot projects.</li></ul> | Apr 2023 – Nov 2024<br><i>GITAM</i> |

## PROJECTS

- MediaSphere Suite** | *Electron.js, JavaScript*
- A unified media platform combining a video player, music player, PDF viewer, PPT viewer, and EPUB reader into a single cohesive suite.
  - Built with Electron.js for cross-platform deployment; supports RAM-optimized playback and custom immersive UI.
  - Features include drag-and-drop library management, local file indexing, light/dark themes, and real-time syncing.
  - Designed a central launcher (Hub) for easy access and modular feature upgrades.
- Health Box** | *Spring Boot, React.js*
- Comprehensive hospital management system for clinics, supporting EMR, billing, and appointments.
  - Implements secure role-based access, digital patient records, and inventory workflows.
  - Designed scalable architecture with Spring Boot backend and React.js frontend.
- VMN System** | *Spring Boot, Docker*
- Startup-mentor relationship tracker for GITAM's Venture Mentors Network.
  - Developed API endpoints, containerized the backend using Docker, and ensured database normalization.
  - Helped streamline reporting and accountability for student ventures.
- Smart Park** | *C++, Arduino*
- IoT prototype to automate parking slot detection using ultrasonic sensors and microcontrollers.
  - LED and LCD feedback systems to display real-time availability.
  - Reduces congestion and optimizes parking in small-scale areas.

## EDUCATION

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| <b>GITAM University</b><br><i>B.Tech in Computer Science with IoT Specialization</i> | Expected 2026<br><i>Bengaluru, India</i> |
| <b>Aditya Public School</b><br><i>CISCE (ICSE)</i>                                   | 2020<br><i>Bengaluru, India</i>          |

## ACHIEVEMENTS

- Best Club Award (2023-24)** — Led CodeX Technical Club to win the *ACE Awards*, *GITAM*, through active community engagement, contests, and development workshops.
- Published Author** — *Au Revoir Goodbye Till We Meet Again* and *The Vestige*, both published on Amazon Kindle and other platforms, raising awareness on mental health and emotional storytelling.