JITHIN JACOB MATHEW

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EDUCATION

VIT BHOPAL UNIVERSITY *Bhopal, Madhya Pradesh*
Bachelor of Technology in Computer Science Engineering *Expected June 2026*
Cumulative CGPA:8.42/10

ST. ANTONY'S PUBLIC SCHOOL *Kottayam, Kerala*
Higher Secondary Education (Class XII), Science Stream with Computer Science *May 2019*
Percentage: 93.0%

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, Java, JavaScript, HTML5, CSS3, SQL,ReactJs AngularJS
- **Technologies & Frameworks:** Natural Language Processing, Machine Learning, Web Development, Database Management
- **Tools & Platforms:** Git, VS Code, MySQL, Tableau (Learning)
- **Backend:** Node.js,Django,MongoDB ,PostgresSQL
- **Areas of Expertise:** Software Development, Data Analysis, Chat bot Development, Frontend Development, Problem Solving
- **Cloud & DevOps:** AWS(Amazon Web Service)

TECHNICAL PROJECTS

- **Medical Chatbot System** | *Team Lead & Backend Developer* *August 2024 – October 2024*
  - Developed an intelligent medical diagnosis chatbot in a 3-person team using Python and NLP algorithms to analyze symptoms and provide treatment recommendations.
  - Implemented machine learning models to process natural language queries with 85% accuracy in symptom recognition.
  - Designed conversation flow architecture, serving over 100 test users during the development phase.

- **Booktique E-Commerce Platform** | *Frontend Developer* *February 2024 – May 2024*
  - Built a responsive e-commerce website for an online book marketplace using modern web technologies.
  - Implemented user authentication, shopping cart functionality, and payment integration features.
  - Optimized website performance, resulting in 40% faster page load times and improved user experience.

- **Unity Serve NGO Website** | *Web Developer* *Personal Project*
  - Developed and deployed a fully responsive, user-friendly website for a non-governmental organization (NGO) to improve their online presence and outreach.
  - Created a dynamic and engaging user experience by building key sections such as an "About Us" page, a "Projects" gallery, and a contact form and payment section.
  - Ensured seamless accessibility and cross-device compatibility by optimizing the layout for desktop viewing.

CERTIFICATIONS & TRAINING

- HTML, CSS, and JavaScript for Web Developers – Coursera *July 2025*
- Full Stack Developer MERN – Smart Bridge *April 2025*
- MongoDB Node.js Developer Path for Smart Bridge *April 2025*

ACTIVITIES & LEADERSHIP

- **Active Member, VIT Bhopal Coding Club** *September 2022 – Present*
  - Participated in weekly coding challenges and mentored junior students in programming fundamentals.

- **Technical Event Participant**
  - Participated in Johns Hopkins Health hackathons and contributed to open-source projects on GitHub.

ADDITIONAL INFORMATION

- **Languages:** English (Professional), Hindi (Professional), Malayalam (Native), Tamil (Conversational)
- **Interests:** Open-source contribution, personal project development, hardware-software integration, AI/ML.