

SHIBINO ABRAHAM

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SUMMARY

Detail-oriented and passionate Junior Software Developer with a B.Tech in Computer Science and hands-on experience in full-stack development, AI/ML, and ERP systems. Proficient in Python, React.js, Django, and MySQL, with a strong grasp of SDLC and Agile workflows. Eager to contribute to a growth-driven tech team in software, engineering, or IT support roles.

EDUCATION

BTech in Computer Science and Engineering | St. Thomas College of Engineering and Technology | India | 2016 - 2020

- Relevant Coursework: Web Technologies, Machine Learning, Cryptography.
 - Academic Project: Multipurpose Agricultural Robot using IoT
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WORK EXPERIENCE

Independent Developer & Open-Source Contributor | GitHub Repository | WordPress | View Portfolio | April 2021 - Present

- Developed an AI-powered healthcare chatbot using Python, TensorFlow, and Scikit-learn, improving prediction accuracy by 15%.
- Authored technical blogs on Python, Machine Learning, and AI, improving domain expertise and sharing industry insights.
- Earned certifications in Full-Stack Web Development, Cybersecurity and ERP systems.

Software Engineer Trainee | Quest Innovative Solutions | September 2020 - March 2021 | Kerala, India

- Designed and developed responsive front-end features using React.js, integrating Redux for state management.
 - Built and optimized RESTful APIs, improving data retrieval efficiency and backend integration.
 - Utilized browser debugging tools to identify and resolve performance bottlenecks, enhancing load times by 25%.
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PROJECTS

- **Symptom-Disease Healthcare Chatbot** - Developed a chatbot to predict diseases based on symptoms using Naive Bayes classification and ML algorithms, implemented Seaborn & Matplotlib for interactive data visualization and diagnostic insights, achieving 15% higher prediction accuracy compared to baseline models.
 - **Password Manager** - Developed a secure password manager with encryption for storing and retrieving credentials, used SQLite for efficient data handling, improving database performance.
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LANGUAGES, SKILLS AND CERTIFICATIONS

- **Languages:** English (professional proficiency), Hindi (intermediate proficiency), Malayalam (native)
- **Skills:** Python, JavaScript, Django, Flask, React.js, MySQL, TensorFlow, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, SAP S/4HANA, Microsoft Office Suite, Network Security, Github
- **Certifications:** Python Full Stack Web Developer, Machine Learning with Python, IT and Cybersecurity Fundamentals, SAP S/4HANA Course 2025