

# SAKTHI PARAMESH N

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## EDUCATION

Chennai Institute Of Technology B.TECH Information Technology (8.7 Cgpa)

2023 – 2026

## PROFESSIONAL EXPERIENCE

### FULL STACK DEVELOPER INTERN – CMSD AGRI TECH PVT. LIMITED

- Developed robust web applications using React.js, Node.js, Express.js, and MongoDB, boosting responsiveness and efficiency by 35%.
- Built scalable REST APIs with Node.js and Express.js, improving data handling accuracy by 98% and backend efficiency by 40%.
- Contributed to innovative AgriTech ensuring 99.9% uptime, 30% faster scalability, and enhanced usability for end-users consistently.

### AI/CHATBOT DEVELOPER INTERN – HEXALITH SOLUTIONS PVT. LIMITED

- Designed and deployed an AI chatbot using LLM, improving automation efficiency by 45% and reducing manual intervention by 60%.
- Integrated the chatbot into a web application to deliver fast, reliable, and scalable real-time query handling with 99.5% uptime.
- Enhanced chatbot performance through prompt optimization and achieved 97% response accuracy and 40% faster query resolution.

### JAVA DEVELOPER INTERN – POLYHOSE RUBBER INDUSTRY INDIA PVT. LIMITED

- Developed Java-based modules supporting enterprise applications, increasing system performance by 30%, maintainability by 25%.
- Implemented OOP principles, JDBC, and multithreading to deliver scalable solutions, enhancing reliability and throughput by 35%.
- Designed and implemented database driven solutions that improved efficiency by 40%, delivered 98% accurate data handling.

## PROJECTS

### FULL STACK WITH AI INTEGRATION

- Built a full-stack web application with integrated AI powered features, increasing interactivity, and user engagement by 40%.
- Developed the frontend with React.js, backend using Node.js and Express.js, and MongoDB for reliable data with 99.9% uptime.
- Implemented AI APIs to deliver personalized recommendations, optimize response times by 35%, and enhance overall Ui/Ux

### CHATBOT USING LARGE LANGUAGE MODEL (LLM)

- Developed an intelligent chatbot with context-aware capabilities, improving quality and boosting user engagement by 45%.
- Integrated LLM models with a Node.js backend and React.js frontend, ensuring performance and 35% higher application efficiency.
- Delivered real-time interactions with dynamic responses, enhancing user satisfaction, engagement, and achieving 97% accuracy.

### ENTERPRISE JAVA APPLICATION – ERP MANAGEMENT SYSTEM

- Developed a Java based ERP system to manage inventory, records, and production workflow, improving operational efficiency by 40%.
- Implemented OOP principles, exception handling, and design patterns in Java, enhancing system performance and reliability by 35%.
- Integrated MySQL with JDBC to deliver secure, and efficient database operations, ensuring 99% accuracy across entire application.

### CLOUD-BASED DATA VISUALIZATION DASHBOARD

- Created an interactive dashboard for real time analytics and improving decision-making speed and operational visibility by 45%.
- Developed the frontend with React.js and backend using Node.js and Express.js, and Integrated MongoDB for data management.
- Deployed the application on AWS using EC2 and S3, ensuring high availability, robust security, and seamless cloud readiness.

## SKILLS

• Java	• React.js	• MongoDB	• Python
• Tailwind css	• MySQL	• Large Language Models	• Express.js
• Vercel	• AWS Basics	• Node.js	• Flutter

## TECHNICAL TOOLS

• GIT,GITHUB	• VS CODE	• PYCHARM	• INTELLIJ
• XCODE	• POST MAN	• ANDROID STUDIO	• DOCKER

## CERTIFICATES

• Full Stack Development / Udemy	• Ethical Hacking / Udemy	• Microsoft Defensive / Microsoft
• network security / Cisco Academy	• Ethical Hacking /Great Learnings	• Ethical Hacking Offensive / Udemy

## CODING PLATFORMS

- LeetCode – Solved 750+ problems, achieved a 1616 contest rating, ranked top 20% globally, demonstrating problem-solving skills.
- CodeChef – Achieved a contest rating of 1250+, demonstrating strong proficiency, algorithmic and consistent competitive programming
- Codeforces – Attained a contest rating of 907, showcasing strong problem-solving, analytical skills, and competitive programming

## ACHIVEMENTS

- Microsoft - Earned the prestigious Microsoft Copilot Badge by successfully completing the assessment, in Copilot technology.
- Hack The Box - Completed a penetration testing lab on Hack the box Ethical hacking and received prestigious badges.
- Try Hack Me - Earned over 100 points and several modules in try hack me and earned certificates for completion of paths.