POOJA U

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Information Technology undergraduate with knowledge of Java, React.js, and SQL, along with hands-on experience in AI-based chatbot and automation projects. Demonstrates problem-solving ability, works effectively under pressure, and collaborates well in team environments, seeking opportunities in software development.

TECHNICAL SKILLS

Languages: Java (preferred), C, Python
Frontend: HTML, CSS, JavaScript, React.js, Tailwind CSS
Databases: MongoDB, Firebase, SQL, PostgreSQL, Pinecone,cloudinary
Concepts: Core Java, OOP, DSA, Cloud Computing (Basic)
Tools: Eclipse, IntelliJ IDEA, VS Code, Git, GitHub, n8n

INTERNSHIPS

Web Application Development Intern (Frontend + Firebase) – Tek Pyramid
    Worked on frontend development and integrated Firebase for backend services including authentication and database management**.**

Cloud Computing Intern – CodTech
    Gained hands-on exposure to cloud computing fundamentals, deployment models (IaaS, PaaS, SaaS), and basic cloud tools. Developed an understanding of cloud architecture and service models.

Java Programming with OOPs – Elewayte
    Strengthened core Java skills with emphasis on object-oriented programming principles and application development.

ACHIEVEMENTS

- **First Runner-up – G-Hacks by GDG:** Built multilingual, platform-independent chatbot, securing 2nd place in college-level hackathon.
- **Finalist – Smart India Hackathon 2025 (SIH 2K25):** Shortlisted among top teams nationwide for developing an innovative solution.

CERTIFICATIONS

- OCI GenAI & Oracle Agile Certification – Oracle
- GenAI Certification – Infosys
- Data Science for Beginners – FutureSkills (Nasscom)
- Java Programming with OOPs – Elewayte
- Cloud Platform Simulation Certificate – Verizon (Forage)
- Basics of DSA Certificate – Simplilearn
- Intro to Python, C, Java, SQL – Sololearn

FUNCTIONAL SKILLS

Project Management • Communication • Problem-Solving • Java Programming • Flow Programming • Event Coordination

LANGUAGES

- Tamil
- English

EDUCATION

B.Tech , Information Technology
Panimalar Engineering College, Chennai | Sep 2023 – Present

Higher Secondary Education
Infant Jesus Matric Hr. Sec. School, Kanchipuram | Jun 2022 – Mar 2023
Percentage: 84.3%

PROJECTS

Automated Bloom's Taxonomy Analyzer (LLaMA 3)
- Developed an AI-based system using LLaMA 3 to generate and analyze university question papers based on Bloom's Taxonomy.
- Automated balancing of questions using Course Outcomes (CO) and cognitive difficulty levels.

Multilingual College Information Chatbot
- Built a multilingual chatbot to answer college-related queries (scholarships, academics, policies) using uploaded institutional content.
- Integrated chatbot with Telegram and enabled escalation support via WhatsApp and Email.

Arduino Smart Car
- Developed and programmed an Arduino-based smart car to demonstrate embedded systems and automation concepts. Implemented sensor integration and microcontroller programming for intelligent movement and obstacle detection.

E-commerce Website
- Designed and developed multiple e-commerce websites with a strong focus on frontend development, responsive design, and user experience optimization.

ONLINE PRESENCE

https://www.geeksforgeeks.org/profile/poojaumjg2t

https://leetcode.com/u/PoojaU3/

https://www.hackerrank.com/profile/poojaumanath3

INTERESTS & LEARNING

Passionate about Java programming and low-code automation. Enjoy learning new frameworks and technologies through hands-on projects.