SNEHA P

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SUMMARY

Enthusiastic final-year Computer Science student with a strong passion for learning and applying new technologies. Completed a certification in Full Stack Development and gained hands-on experience by developing a project that involved Git for version control and Jira for project management. Dedicated to continuous learning and currently planning to expand my skills in Cloud computing and DevOps.

EDUCATION

Bachelor of Technology in Computer Science and Engineering / APJ Abdul Kalam Technological University   **2022 - Present**
Rajadhani Institute of Engineering and Technology, Attingal
CGPA: 8.43

Higher Secondary Education/ Directorate Higher Secondary Education   **2019 - 2022**
Sivagiri Higher Secondary School, Varkala
Percentage: 94%

Secondary School Certificate / Central Board of Secondary Education   **2019**
MGM Model School, Varkala
Percentage: 89%

PROJECT

CloudLock : MAC based access control on PVRSC for cloud security
Rajadhani Institute of Engineering and Technology, Attingal
- Designed a secure cloud storage system using Publicly Verifiable Remote Signcryption (PVRSC) for combined encryption and signing, implementing MAC address–based device binding and third-party auditing to restrict decryption and verify data integrity.
- Built a web prototype with ASP.NET (C#), SQL Server and integrating standard cryptographic algorithms

Skill-Screen
Rajadhani Institute of Engineering and Technology, Attingal
- Developed a React-based web app that generates job-specific interview questions using Gemini API.
- Used Clerk API for secure user authentication and account management, and Neon for data storage and retrieval.
- Captured and processed user responses with speech-to-text conversion, displaying ideal answers for comparison.

Learning Mangement System
ICT Academy Kerala
- Developed the Teacher Dashboard using React.js, with features for assignments, attendance, live sessions, and recorded lectures.
- Integrated Spring Boot REST APIs and MySQL for dynamic data handling; tested endpoints with Postman and tracked tasks via Jira.
- Collaborated on GitHub, merging code from Admin and Employee modules to ensure seamless platform-wide integration.

SKILLS & ACHIEVEMENTS

- **Programming**: C, HTML, CSS, Java
- **Frameworks & Tools**: React, Spring Boot, Bootstrap, Postman
- **Databases**: MySQL
- **Certifications**: NPTEL(Introduction to programming in C) , Certified Specialist in Full Stack Development (JAVA)
- **Extra-Curricular Activities**: Class Representative , NSS Volunteer, CSI Documentation Team Member
- **Soft Skills**: Adaptability, Communication, Teamwork