Gayathri Subramani

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WORK EXPERIENCE

Junior Software Developer - Velox Solution   **Dec 2024 - Present**

- Collaborated with a cybersecurity team in a startup environment to identify and resolve vulnerabilities.
- Built a Spring Boot application to automate BitLocker encryption using PowerShell, improving data security.
- Integrated PowerShell scripts with MySQL for secure storage of BitLocker recovery keys.
- Designed a JSP dashboard to monitor encryption status and system logs.
- Implemented audit logging to capture drive actions, status, and timestamps for compliance.

PROJECTS

Food waste Management System   **MAR 2024**

- Analyzed food consumption and waste patterns in major waste-generating sectors such as hotels, restaurants, supermarkets, and food processing units.
- Designed a system to track and monitor food usage, helping stakeholders identify surplus food before it turns into waste.
- Developed strategies and workflows to redistribute excess food to NGOs and shelters, ensuring it is used to feed people instead of going to landfills.
- Helped reduce environmental impact by minimizing food waste and lowering methane emissions caused by food decomposition in landfills.

SKILLS

Languages	:	Java, J2EE, MySQL.
WebTechnologies	:	HTML ,CSS, JavaScript
Framework	:	Hibernate, Spring Boot
Tools	:	Postman, GitHub, Visual Studio Code, STS, IntelliJ.

CERTIFICATION

- Completed a Full Stack Web Development course at Tap Academy.
- Completed an HTML certification course on LearnTube.

ACHIEVEMENTS

- Completed a Cloud Computing course on NPTEL with an Elite certification
- Awarded Best Student in Co-curricular Activities for active participation and contributions.

EDUCATION

- **Knowledge Institute of Technology,Salem**   **CGPA : 81**
  B.Tech-CSBS   2020 - 2024

- **Model School, Ramapuram.**   **CGPA : 63.5**
  HSC-State Board   2019 - 2020

- **Model School,Ramapuram.**   **CGPA : 81**
  SSLC-State Board   2017 - 2018