DhineshKumar M

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TECHNICAL SKILLS

Languages: core Java, JDBC, JEE, JSP ,SQL (MySQL), JavaScript, Bootstrap, HTML, CSS, AWS (EC2, S3, RDS)
Frameworks: React, Spring Boot, Hibernate, JUnit, H2
Developer Tools: Git, Docker, MySQL Workbench, VS Code, IntelliJ, Eclipse

EXPERIENCE

Full Stack Web Developer Intern   Sep. 2024 – Oct. 2024
NoviTech Research and Development   *Coimbatore, Tamil Nadu*

- Developed full-stack web applications using Java EE (JSP/Servlets), JDBC, HTML, CSS, Bootstrap, and JavaScript.
- Collaborated with senior developers to integrate backend and frontend components effectively.
- Explored Artificial Intelligence by building chatbots and gaining knowledge on Large Language Models (LLMs).

PROJECTS

Linklytics   *Spring Boot, React, MySQL, OAuth & JWT, Docker, AWS*   *Explore My Project*

- Built a full-stack URL shortener using Spring Boot (REST API) and React, allowing users to generate and manage shortened URLs.
- Integrated analytics, GitHub OAuth, and JWT authentication; displayed usage statistics and deployed via Docker on AWS.
- Improved application speed and scalability by implementing caching strategies to reduce repeated database queries and handle large volumes of user data efficiently.

AI Email Reply Generator   *Spring Boot, React, Gemini API, Docker*   *Explore My Project*

- Created a browser extension that uses Google Gemini API to generate AI-based smart replies for emails.
- Integrated backend using Spring Boot, enabling users to insert replies directly from the extension interface.
- Enhanced user experience by incorporating sentiment analysis, allowing the extension to suggest personalized replies based on the tone of incoming emails.

Research Assistant   *Spring Boot, HTML, CSS, JS, Gemini Flash 1.5, Chrome Extension*   *Explore My Project*

- Built a Chrome extension using Gemini Flash 1.5 to summarize selected content from webpages or emails.
- Saved summaries as notes using Chrome local storage, with backend support via Spring Boot and manifest-based setup.
- Improved content accuracy by implementing advanced natural language processing techniques to refine summaries and enhance readability.

CERTIFICATES

Full Stack Developer Certification *Novi Tech R&D*   *Explore Certificate*
Learned frontend, backend, and database technologies including HTML, CSS, JavaScript, React, Java, and MySQL.

AWS Cloud Computing Certification *Quazio*   *Explore Certificate*
Gained practical knowledge of AWS services like S3, RDS, and EC2 through hands-on training.

ACHIEVEMENTS

Academic Excellence: Secured **1st Rank** in both 11th and 12th grade at school.
LinkedIn Challenge: Successfully completed the **100 Days Full Stack Java Developer** challenge on LinkedIn.
LeetCode Practice: Completed the **100 Days Coding Challenge** and solved over **300+ problems** on LeetCode.
Project Work: Built and deployed **25+ full-stack projects** involving modern frameworks and technologies.

EDUCATION

Knowledge Institute of Technology   Salem, Tamil Nadu
Bachelor of Engineering in Computer Science   *Sept. 2023 – May 2027*

Government Higher Secondary School   Salem, Tamil Nadu
Mathematics and Computer Science   *June 2021 – April 2023*