DHINESHKUMAR S

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EDUCATION

- **Sri Krishna college of engineering and technology** — TamilNadu, India
  Bachelor of Engineering - Computer Science; GPA: 9.14 — *July 2020 - June 2024*
  Courses: *Data Structures, Analysis Of Algorithms,Databases*

SKILLS SUMMARY

- **Languages**: Java, C++, JavaScript, SQL, HTML, CSS
- **Frameworks**: React.js,Spring Boot, Hibernate, RESTful Web Services,Maven,Node js
- **Tools**: Jenkins, Git, PostgreSQL, MySQL
- **Platforms**: Windows, Spring Cloud
- **Soft Skills**: Problem-solving, Analytical thinking, Communication, Leadership, Event Management, Public Speaking, Time Management
- **Additional Skills**: RESTful APIs, Microservice Design, CI/CD Processes, OOP, Data Structures, Algorithms, Performance Optimization, Agile Methodologies, Java Enterprise Edition, Scrum, SDLC, Debugging, Application Server, Deployment

EXPERIENCE

- **Siemens Digital Industry Software** — Chennai, India
  Backend Developer Intern — *Jun 2024 - Present*
  - **Performance Optimization**: Removed reliance on an external interface to enhance performance and flexibility.
  - **Mathematical Evaluator**: Created an evaluator to parse and compute mathematical expressions with parameters, supporting Real, Integer, File Path, and Enumeration types, and handling recursive evaluations and complex expression trees.
  - **Codebase Modernization**: Replaced outdated dependencies with supported C libraries, resulting in a more efficient and maintainable codebase.
  - **Performance Improvement**: Increased application performance by 30 percent through optimized code and reduced overhead.
- **Siemens Digital Industry Software** — Chennai, India
  Full Stack Developer Intern — *Dec 2023 - Jun 2024*
  - **Frontend Migration**: Led the migration from Vaadin frontend to React framework, increasing screen loading speed by 30percent .
  - **Application Development**: Developed applications using ReactJS, Java, and Spring Boot.
  - **Version Control**: Implemented version control features, branching, merging, and role-based access control (RBAC).
  - **API Conversion**: Converted Java APIs to REST endpoints, decoupling frontend and backend.
  - **Testing and Authentication**: Conducted testing and implemented authentication mechanisms.

PROJECTS

- **Medicinal Plant Recognition System (Deep Learning, Multilingual Systems)**: Deep learning-driven multilingual system for recognition and categorization of medicinal plants with extensive elucidation. Tech: Python, Google Colab, Kaggle (Sep 2022 - Dec 2022)
- **Medico Tracker - A Full Stack App (Web Development, Full Stack Development)**: Web application developed to facilitate blood donation and rehabilitation services. Tech: React.js, Spring Boot, MySQL (Dec 2023 - May 2024)
- **Guess The Word (Web Development, Full Stack Development)**: Web application that allows users to guess words with a limited number of trials. Users have the option to reload and start a new game, with words being randomly generated. Tech: Spring Boot, Java, SQL, Thymeleaf (August '24)

HONORS AND AWARDS

- Zandar Mandar Thulir Quiz State Level Champion
- Second Prize at Tamil Speech Competition - September 2018
- CISCO Ideathon Finalist - August 2023
- Solved 1000+ problems on various platforms like LeetCode, GeeksforGeeks, Coding Ninjas, and Skillrack
- Participated in numerous hackathons like Manthon and Smart India Hackathon
- Earned a SQL badge on LeetCode

VOLUNTEER EXPERIENCE

- **Member at SKCET Hack Clubs** — TamilNadu, India
  Organized hackathons, mentored juniors, and hosted workshops on emerging technologies