Naveender Murugesan

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Skills

Languages: Java, JavaScript, Python, C, SQL ,No SQL

Technologies & Tools: Spring Boot, **M**ongoDB, **E**xpressJs, **R**eactJs, **N**odeJs, PostgreSql, MySql, HTML, Tailwind CSS JSON, XML, Git, Kubernetes, Docker

Projects And Work Experience

E-bin Navigator.   Oct 2024 - Present

FullStack Development

- Increased accessibility to the e-waste facilities by 30% by developing a website using mapping APIs for better navigation and resultant user accessibility.
- The integration of educational pop-ups regarding the harmful components and environmental impact of e-waste has resulted in a 75% reduction in manual tracking errors, thereby facilitating a more accurate and reliable e-waste management process.
- Java | Spring boot | Tailwind CSS | MongoDB | React Js

InsurMagix   Aug 2024 – Oct 2024

Software Development

- Designed an insurance claims management system for a healthcare startup within two months by building both frontend and backend systems, leading to streamlined operations.
- Performed data processing for 1,000 claims with 98% accuracy by promoting the efficient handling of data toward improved reliability and workflow efficiency.
- Developed a strong and secure environment by implementing JWT tokens and efficient token management, made a secure and reliable user authentication and handling over 1,000+ concurrent users reliably.
- Java Script | Tailwind CSS | MongoDB | React js |Express js| Node js

SS Quiz   Jan 2024 – Feb 2024

Backend Development

- Architected a robust backend quiz project with Java, Spring Boot, and PostgreSQL, capable of handling over 1,000 questions.
- Optimizing the backend processing and system performance resulted in a reduction of page load times by 40%.
- Led to the development and implementation of a robust microservices architecture along with load balancing to provide high scalability up to 200 concurrent users in high availability with minimal latency during peak traffic.
- Java | Spring boot | PostgreSql

Education

Rajalakshmi Institute of Technology, Chennai   Nov 2022 – May 2026

B.E. in Computer Science and Communication Engineering   *CGPA: 7.7/10*

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Distributed Computing, Data Science[link], Advance Data Structures and Algorithms, Python Programming[link] , C Programming[link].

Achievements

- **SparkED 2024:** Secured 2nd prize in the "Sparked" circuit debugging competition organized by the ECE department of RIT Chennai, competing against 100+ students. Advanced through 3 challenging rounds.
- **CodeRelay 2024:** Won 1st prize in the "Code Relay" Solving coding problems contest at RIT Chennai, competing against over 100 students. Demonstrated exceptional coding and Solving algorithmic tasks.