TARUN VM
FULL STACK DEVELOPER

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SUMMARY

Full Stack Developer with hands-on experience in **Java Spring Boot and React** for building **secure, production-ready web applications**. Skilled in **role-based authentication, RESTful API development, cloud deployment (AWS EC2 + Docker), and responsive frontend design**. Strong foundation in **DSA problem-solving**, preparing for product-based company interviews. Seeking opportunities to contribute to **modern full-stack products** while continuing to grow expertise in scalable backend systems and cloud technologies.

TECHNICAL SKILLS

- **Frontend:** React.js, TailwindCSS, JavaScript (ES6+), HTML5, CSS3, Responsive Web Design, UI/UX Design, DOM Manipulation
- **Backend:** Java (Core), Spring Boot, RESTful APIs, JWT Authentication, Role-Based Access Control, Node.js, Express.js
- **Databases:** MySQL, H2, MongoDB, MongoDB Atlas, Database Design, CRUD Operations
- **Deployment & Tools:** AWS EC2, Docker, Docker Compose, Nginx, SSL/TLS, Vercel, Git, GitHub, Postman, IntelliJ IDEA, VS Code
- **C Competencies:** Full-Stack Development, Secure Web Application Development, Cloud Deployment, Problem Solving & DSA, Agile Workflow, Version Control

PROJECTS

TASK WISER – Full-Stack Task Management System   Sep - 2025
Live Site
Technologies: React, TailwindCSS, Java, Spring Boot, MySQL, Docker, AWS EC2, Nginx, SSL, Vercel
- Developed a secure, role-based task management web application using Spring Boot, implementing **JWT authentication** with **refresh tokens**, **OAuth integration**, **CRUD operations** for tasks, and a **password reset workflow** via SMTP email links for registered users.
- Implementing **Admin dashboard** for user and task management, including role-based access control.
- **Frontend:** Responsive React application with TailwindCSS, toast notifications, and conditional rendering based on roles with multiple features for users implemented theme.
- **Backend:** Spring Boot REST API with **MySQL**, modular endpoints, and **secure authentication** using configured filter chains; implemented **CORS** policies and managed credentials through **environment variables** following best practices.
- **Deployment:** Backend deployed on **AWS EC2 using Docker Compose**, Nginx reverse proxy with **HTTPS/SSL certificates**, frontend hosted on **Vercel.**
- Demonstrates **production-level full-stack development**, secure backend implementation, cloud deployment, and modern frontend UI/UX

LOTUS SERVICE ENGINEERING WEBSITE (FREELANCE PROJECT)   Aug - 2025
Live Site
- Designed and developed a **modern, responsive single-page business website** using **React.js** and plain CSS to showcase services and industries served.
- Implemented **EmailJS integration** to enable real-time contact form submissions without needing a backend server.
- Deployed the site on **cloud hosting** with seamless configuration for a **custom domain**, ensuring professional delivery to the client.
- Optimized performance and accessibility while ensuring **cross-browser compatibility** for a smooth user experience.

EDUCATION

VEL TECH UNIVERSITY   Chennai
Bachelor of Biomedical Engineering   Expected October 2025
Specialization in Artificial Intelligence in HealthCare
Cumulative GPA: **8.4**/10
Research Publication:"Realtime Cardiac Health Monitoring Using Advanced Embedded Systems"
IEEE ICBSII Conference, 2025 | [Publication Link]