

Dilip Kumar G

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Work Experience

Annz Technology

Software Engineer

2022 – Present

Karapakkam, Chennai, Tamil Nadu

- Developed scalable web applications using **Spring Boot** and **Node.js** (Express.js), architecting **RESTful APIs** and **microservices** with improved response times and reduced latency.
- Optimized **SQL/NoSQL** databases and secured applications with **JWT**, **OAuth2**, **Spring Security**, mitigating **OWASP Top 10** vulnerabilities.
- Maintained high uptime on **Hetzner Cloud** with automated failover, proactive monitoring, and reduced incident response times.

Technical Skills

- **Languages:** Java, JavaScript, TypeScript, Python, SQL
- **Frontend:** React.js, HTML, SCSS
- **Backend:** Spring Boot, Node.js, REST APIs
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Containerization:** Docker, Kubernetes
- **Cloud Platforms:** Hetzner, AWS
- **Tools:** Git, VS Code, IntelliJ, Cyberduck

Projects

ICM: Survey Application | *React.js, Spring Boot, PostgreSQL*

 icm.ai

- Developed a comprehensive platform supporting OHBI assessments and custom surveys with demographic-based result analysis, enabling organizations to identify growth opportunities and enhance operational efficiency.

Rightcare: Telemedicine Platform | *React.js, Spring Boot, WebRTC, PostgreSQL*

 rightcare.sa

- Built a telemedicine platform with WebRTC-powered video/audio consultations, home visit scheduling, and an integrated healthcare product marketplace, improving accessibility to medical care and essentials.

Tabseer: Legal Consultation Platform | *React.js, Node.js, WebRTC, MySQL*

 tabseer.com.sa

- Engineered a secure legal consultation platform with WebRTC-enabled video/audio communication, appointment scheduling, case management, and document-sharing capabilities for streamlined lawyer-client interactions.

Blueberry: Healthcare Services Platform | *React.js, Node.js, WebRTC, MySQL*

 blueberry.com.sa

- Designed a telemedicine platform with real-time WebRTC video/audio consultations, home visit scheduling, and Node.js/MySQL backend services, featuring an intuitive React.js interface for enhanced user engagement.

Education

SRM Arts and Science College

Bachelor of Science in Computer Science, 2022

Kattankulathur, Chengalpattu, Tamil Nadu, India

- **Specializations:** Web Development, Information Internetworks
- **Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Software Design, Computer Organization, Systems and Networks, Algorithm Design, Database Systems, Probability and Statistics, Applied Combinatorics

Personality

- Team-oriented with a competitive drive.
- Highly disciplined with strong time management abilities.
- Resilient and adaptable in dynamic environments.
- Goal-driven with a commitment to continuous improvement.