

Abdul Khaleel

✉ abdkhaleel16@gmail.com | 📞 +91 9176-397-493

🐙 github.com/abdkhaleel | </> leetcode.com/u/abdkhaleel | 🔗 linkedin.com/in/abdul-khaleel

Skills

Languages: C++, Java, Python, JavaScript, TypeScript, SQL, C

Frameworks & Libraries: Spring Boot, Node.js, React, Angular, JPA/Hibernate, PrimeFaces, JSF, TensorFlow, NumPy

Databases & Data Platforms: PostgreSQL, MySQL, Cassandra, Redis, Apache Kafka

Developer Tools & Platforms: Docker, Git, Maven, Linux, CI/CD, REST APIs

Work Experience

MRA Softec Pvt Ltd

Dec 2024 - Present

Freelance Software Engineer | Remote

Chennai, India

- Engineered and maintained enterprise-grade Java applications using PrimeFaces and JPA, improving client operational workflows and ensuring high availability for systems handling high-volume data transactions.
- Optimized data retrieval performance by 30% through refactoring complex JPA queries and implementing strategic MySQL indexing on high-traffic database tables, reducing application response times.
- Designed and delivered a custom HTML export module for PrimeFaces data grids, enabling clients to generate printer-ready reports while eliminating third-party dependencies.
- Tech Stack:** Java, PrimeFaces, JPA (Hibernate), Apache Tomcat, MySQL, OpenPDF, Jasper Reports, Maven.

ENFUSE India

Feb 2024 - May 2024

Freelance Web Developer

Chennai, India

- Led front-end development of a high-performance web application, achieving a 95+ Lighthouse score by implementing a fully responsive UI with performance-optimized practices.
- Reduced form submission errors by 40% through implementation of robust client-side validation logic, significantly improving user experience.
- Enhanced user engagement by integrating interactive geospatial visualizations with Pigeon Maps and dynamic animations using Framer Motion.
- Tech Stack:** React, Next.js, JavaScript (ES6+), CSS3, Pigeon Maps, Framer Motion.

MRA Softec Pvt Ltd

Dec 2023 - Feb 2024

Java Developer Intern | Remote

Chennai, India

- Accelerated project delivery by developing three critical features ahead of schedule using Java and optimized JDBC database connectivity.
- Improved application stability by 10% through systematic identification and resolution of 15+ critical bugs across multiple modules.
- Earned a freelance contract extension by consistently delivering clean, well-documented code within agile sprints.
- Tech Stack:** Java, PrimeFaces, JSF, JDBC, MySQL.

Projects

- Immutable Voting Ledger:** Developed a secure e-voting system combining PostgreSQL with blockchain for tamper-proof records. Implemented Spring Security with RBAC and JWT authentication for protected APIs and real-time auditing.
- Helios - Distributed URL Shortener:** Built a scalable URL shortener handling 10K+ requests per second using Node.js and Redis, with Docker and Cassandra ensuring high availability. Integrated Kafka for isolated analytics processing.
- Deep Denoising Autoencoder:** Developed a TensorFlow-based autoencoder that reduced image noise by 50% MSE. Engineered a 5-layer network with optimized bottleneck architecture for efficient data representation.

Education

Velammal Engineering College

Expected Apr 2025

B.E. in Computer Science and Engineering

Chennai, India

CGPA: 7.32/10.0

Relevant Coursework: Object-Oriented Programming, Databases, Discrete Mathematics, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advanced Data Structures and Algorithms, Information Retrieval, Image Processing.

Achievements and Certificates

- **Competitive Programming:** Solved 450+ LeetCode problems (Data Structures, Algorithms, Dynamic Programming, Graphs), achieving a peak contest rating of 1900+ (Top 5%).
- **Google Advanced Data Analytics Professional Certificate** (Coursera).
- **Machine Learning and Deep Learning Specialization** (Simplilearn).