

AARTHI . G

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SUMMARY

Highly motivated and skilled professional with 1.7 years of experience in Java Development and full-stack application development. Proven ability to contribute to the full software development lifecycle, from design to deployment, and to deliver robust, high-performance solutions. Eager to leverage strong technical and problem-solving skills in a dynamic IT environment.

EXPERIENCE

Associate Software Engineer

[Nov 2023 – June2025]

IT Works 1 Ders LLP Company., Sheenlac Paints Limited, Chennai, India .

- Developed a web application using Java, Spring Boot, and MySQL to manage employee records.
- Implemented CRUD operations (Create, Read, Update, Delete) with REST APIs.
- Used Hibernate/JPA for ORM and database integration.
- Designed frontend with HTML, CSS, JavaScript for a user-friendly interface.
- Improved performance by optimizing database queries and using caching.
- Worked on web-based applications to support business functions using Java, Spring Boot, React.js, and MySQL.
- Developed and maintained code in a collaborative Agile environment with regular sprint cycles.
- Participated in the full software development lifecycle, from design and development to testing and deployment.
- Assisted in resolving bugs and improving application performance.
- Coordinated with cross-functional teams to gather requirements and deliver reliable software solutions.

INTERNSHIP

KADIT INNOVATION

July 2023 – September 2023

Fullstack Development – E-learning Application

- Developed a learning portal for students to enroll in courses and evaluate themselves through practice sessions.
- Enabled students to attend quizzes to assess their skill level.

- Built the application using React-JS for the frontend and Python-Flask for the backend, with PostgreSQL as the database.

EDUCATION

B.E Computer Science Engineering

S Veerasamy Chettiar College of Engineering & Technology, Puliangudi, Tamilnadu

August 2018 – April 2022 | Percentage: 83%

TECHNICAL SKILLS

- Languages: C, C++, Java, Python, HTML, CSS, JavaScript
- Frameworks/Libraries: Angular JS, React-JS, Spark, Spring Boot
- Cloud: AWS
- Databases: MySQL, PostgreSQL
- Tools & OS: Unix, VS Code, Linux (Ubuntu), MS Dos

SOFT SKILLS

- Problem-solving
- Research
- Communication skills
- Analytical skills
- Teamwork
- Critical Thinking

PROJECTS

Data Sharing Between IoT Devices Using Two-Factor Authentication (2FA)

- Focused on the authentication of IoT devices across the internet and unsecured networks.
- Addressed the critical need for strong authentication in IoT to ensure trusted data sharing between machines and devices.
- Explored the emerging field of authenticating devices to IoT, highlighting its significance for researchers globally.
- Aimed to prevent unauthorized access to data.
- Provided a research basis for analyzing the use of security keys to encrypt both IoT servers and devices.

Online Student Registration System

- Developed a software solution for online student registration, benefiting both students and the department.
- The SRS document aimed to outline project requirements, assisting organizations in maintaining and managing student personal data.
- Technology Used: PHP, MySQL, Apache

E-learning Application

- Created a learning portal for students to enroll in courses and evaluate themselves through practice sessions.
- Enabled students to attend quizzes to assess their skill level.
- Built the application using React-JS for the frontend and Python-Flask for the backend, with PostgreSQL as the database.
- Technology Used: Python-Flask, React-JS

CERTIFICATIONS

- Fullstack Development Foundation Certificate – Apponix
- Internship Certification – KADIT INNOVATION

AWARDS & ACHIEVEMENTS

- Received Best Paper Award in a national conference
- Successfully completed AWS Foundation and Machine Learning certifications
- Successfully completed Internship at KADIT INNOVATION

INTERESTS

- Artificial Intelligence
- Robotics

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief. I take full responsibility for the accuracy of the details mentioned in this resume.