

ABHAY M JOSHI

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PROFESSIONAL SUMMARY

A versatile full-stack developer proficient in Java, Python, and JavaScript, with strong expertise in the MERN stack, Spring Boot, and Django. Experienced in developing scalable applications, optimizing CI/CD pipelines, and delivering innovative solutions.

TECHNICAL SKILLS

Programming Languages: Java, Python, HTML, CSS, JavaScript, TypeScript, SQL

Technologies: Node.js, Express.js, React.js, Recoil, Spring Boot, Django, Docker, Jenkins, Redis, BullMQ, MongoDB, MySQL, RDBMS, Websocket, Tailwind CSS, Bootstrap

Development Skills: Data Structures and Algorithms, REST APIs, JWT, Microservices, OOPs, CI/CD Pipelines, Debugging, Problem Solving, Version Control (Git/GitHub), Postman, Jira

PROFESSIONAL EXPERIENCE

Kodnest | Full Stack Developer Intern – *Certificate*

April. 2023 – May. 2023

- Worked on Java, SQL, HTML, CSS, JavaScript, Expressjs, Typescript, Redis, BullMq.
- Designed and implemented a job queue system using Redis and BullMQ, improving concurrency and task scalability.
- Enhanced real-time inter-service communication with Redis Pub/Sub, optimizing system responsiveness.

PROJECTS

Brainly Application | *ReactJS, TypeScript, NodeJS, ExpressJS, MongoDB, TailwindCSS, JWT – Code*

- Developed a MERN-based web app to save and organize resources like YouTube videos, tweets, and other resources, with a unique sharing feature.
- Built secure authentication using JWT, RESTful APIs, and a clean UI with TypeScript and TailwindCSS.

CI/CD Pipeline with Dockerized Jenkins | *Docker, Jenkins, Docker Compose, Linux – Code*

- Architected a containerized CI/CD environment using Docker, Jenkins, and Docker Compose.
- Implemented pipeline automation for build, test, and deployment stages.
- Configured nested container orchestration for isolated build environments

Tune Hub Application | *Spring Boot, MySQL, React.js, Thyme Leaf – Code*

- Developed a Spotify-like platform for music streaming with features like user authentication, playlist management, and music uploads.
- Implemented a microservices architecture to handle user management and content delivery.
- Optimized streaming performance using caching mechanisms and integrated cloud storage for media files.

Real-time Chat Application | *React.js, TypeScript, WebSocket, Tailwind CSS – Code*

- Developed a chat application supporting instant messaging with real-time broadcasting using WebSocket.
- Designed a responsive front-end with React.js and implemented secure WebSocket server protocols.

Emergency Vehicle Traffic Assistance System | *Python, Django, TensorFlow, OpenCV, HTML, CSS – Code*

- Built an ML-powered real-time traffic management system with vehicle detection using TensorFlow and OpenCV.
- Designed REST APIs for data exchange and integrated geolocation services to assist emergency vehicles.
- Developed a responsive UI using HTML5 and CSS3 for enhanced user interaction.

EDUCATION

Jain College Of Engineering, Belgaum

2019 - 2023

Bachelors of Engineering , Computer Science

CGPA : 7.82

Tungal science composite PU college, Jamkhandi

2018 - 2019

Class 12, PCMB

Percentage : 76.33

Tungal English Medium High School, Jamkhandi

2016 - 2017

Class 10

Percentage : 90.56