

# Durgesh Joshi

## Computer Engineering Graduate

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### Summary

Enthusiastic and skilled Full Stack Developer with 1+ years of hands-on experience in building standalone applications using Java, Spring Boot, Hibernate, and SQL for backend development. Proficient in frontend technologies like HTML, CSS, JavaScript, and Bootstrap to create responsive and user-friendly interfaces. Experienced in integrating backend APIs with frontend components. Strong understanding of object-oriented programming, RESTful services, and database management. Passionate about writing clean, maintainable code and building complete, scalable web solutions.

### Education

#### Bachelor of Engineering - Computer

June 2024

*Loknete Gopinathji Munde Institute of Engineering Education & Research Nashik Maharashtra, India*

CGPA – 8.19

#### Diploma – Computer Engineering

June 2021

*Gokhale Education Society Sir.Dr.M.S.Gosavi Polytechnic Institute Nashik Maharashtra, India*

Percentage – 92.35

### Projects

#### Real-Time Client Server Chat Application

- Developed a real-time chat application to enable seamless two-way communication between server and client within a single system using Java Socket programming.
- Developed using Java, Java Servlets, and Socket Programming.
- Enabled instant message exchange with separate user interfaces for server and client, demonstrating practical implementation of real-time communication and client-server architecture.

#### Eyes and Print Next Gen: Cloud-Backed Security and Law Enforcement

- Designed an IoT-based home security solution to overcome the limitations of traditional systems lacking automated, cloud-integrated activity logging.
- Developed using Python, IoT devices, and AWS services to enable real-time cloud logging and secure access control.
- Implemented user authentication to ensure only authorized users can unlock access, with unauthorized attempts generating logs in the cloud—enhancing both user security and support for law enforcement.

#### Emotion Based Music System

- Traditional music players lack the ability to adapt playlists based on users' current emotional states, resulting in a generic and less engaging listening experience.
- Develop using Python, TensorFlow, Keras, OpenCV for real-time emotion detection, and music playback integration.
- Utilized machine learning models developed with TensorFlow and Keras, integrated with OpenCV for real-time emotion recognition, to precisely identify users' emotional states and dynamically choose songs that correspond to those emotions. This approach delivers a personalized and immersive music experience, boosting user engagement and supporting emotional well-being through a personalized audio experience.

## Finance Tracker Application

- Managing personal finances can be overwhelming without proper tools to track expenses, investments, and policies in one place.
- Developed using React, Node.js, Express, MongoDB, and Tailwind CSS (MERN stack) for a seamless finance management experience.
- Implemented a centralized dashboard where users can record, monitor, and analyze all financial activities including daily expenses, Fixed Deposits (FDs), Recurring Deposits (RDs), Mutual Funds, Sovereign Gold Bonds (SGBs), and insurance policies.
- Enhanced user experience with mobile responsiveness, future-ready chart analytics, and secure backend APIs, helping users save time, get clear financial insights, and make better-informed investment decisions.

## Experience

### Shivendu Infotech Pvt.ltd (Internship)

Jan 2023 – June 2023

#### Web-Development

- Proficient in creating interactive websites using HTML, CSS, and JavaScript.
- Experienced in deploying websites live with GitHub during a six-month web development internship.
- Collaborated with cross-functional teams to deliver user-friendly and responsive web applications.
- [Certificate](#)

### Profound Edutech Pvt.ltd (Internship)

Feb 2024 – June 2024

#### Full Stack Java

- Gained hands-on experience in Full Stack Java development during internship training
- Designed and implemented multiple console-based and web-based applications
- Worked with core Java, SQL, and JDBC to build dynamic, database-driven applications

## Certifications

1. [National Level Project Competition](#) - Project showcased at national level competition
2. [Java](#) - Certification focusing on Core Java programming skills.
3. [Java Spring & Spring boot](#) – Certification of Learning java spring and spring boot.
4. [Entrepreneurship](#) - Certification covering essential principles of entrepreneurship

## Skills

- **Programming Languages** – Java, JavaScript, Python
- **Frameworks** – Spring, Spring Boot, Hibernate, Express.js
- **Frontend Technologies** – HTML, CSS, Bootstrap, React.js
- **Backend Technologies** – Node.js
- **Database** - SQL, MongoDB.
- **Cloud Platform** – AWS.
- **Tools & IDEs** - Git, GitHub, VS Code, NetBeans.

## Achievements

- Showcased IoT-based project *Eyes and Print Next Gen* at a National-Level Project Competition.
- Led and represented the department during inter-college campaigning and outreach events.
- Planned and executed multi-college technical festivals, boosting participation and engagement.
- Coordinated and hosted internal events like coding contests and tech quizzes, ensuring successful delivery.
- Maintained structured documentation for events, supporting effective reporting and coordination.