

SHANKAR MAGRE

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Summary

Java and Full Stack Developer skilled in building scalable applications using Core Java, JDBC, MySQL, React.js, Node.js, Express.js, MongoDB, HTML, CSS, and Tailwind CSS. Strong understanding of OOP, exception handling, and collection frameworks, with experience in designing efficient and responsive web solutions..

Education

B-Tech – Computer Science and Engineering CSMSS Chh. Shahu College of Engineering, Chhatrapati Sambhajinagar	2022–2025 CGPA: 6.5 (till 6th sem)
Higher Secondary Education – HSC (Science) Deogiri College, Chhatrapati Sambhajinagar	2022 Percentage: 86%
Secondary School Education – SSC HPL High School Bidkin, Paithan	2020 Percentage: 89%

Technical Skills

- **Programming Languages:** Java, JavaScript, SQL
- **Frontend:** React.js, Tailwind CSS, HTML, CSS
- **Backend:** Node.js, Express.js, JDBC
- **Databases:** MySQL, MongoDB
- **Tools:** VS Code, Eclipse IDE, MS Office
- **Other:** Git, GitHub

Projects

Sentiment Analysis System (Java, PostgreSQL, NLP)

- Built a sentiment analysis system using NLP and a vendor-provided sentiment model to classify text into positive, negative, and neutral categories.
- Implemented a Java-based preprocessing pipeline (tokenization, stop-word removal, stemming, normalization) and integrated PostgreSQL for secure, scalable data storage.
- Optimized backend processing using JDBC and generated actionable sentiment insights for data-driven decision-making.

PyCodeML

- Developed an AutoML library capable of automatically selecting and training the most efficient machine learning model for classification and regression tasks.
- Implemented a Genetic Algorithm-based optimization approach to improve model selection and hyperparameter tuning

Training

Full Stack Java Development Training : FUEL (Friends Union for Energizing Lives) — 120 Hours

Technologies: *Core Java, MySQL*

- Hands-on training on OOP, Collections, Exception Handling JDBC connectivity.
- Practical database design and SQL query optimization using MySQL.

Certification

- Programming in Java – NPTEL (IIT Kharagpur)
- Database Management System – NPTEL (IIT Kharagpur)
- Cloud Computing – NPTEL (IIT Kharagpur)
- Full Stack Development – Apna College

Participated Activities

- Participated in Smart India Hackathon (SIH) 2025, demonstrating innovative problem-solving and full-stack development skills.
- Participated in TFUG – Chhatrapati Sambhajinagar AI and Security Day, organized by Google Developers as part of Google DevFest, focused on advancements in AI, Security, and TensorFlow technologies.