

# PIYUSH KUMAR

Bhubaneswar, India

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## EDUCATION

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- **C.V Raman Global University**

Bachelor of Technology in Computer Science 2022-Present

- **Saraswati Shishu Vidya Mandir**

12<sup>th</sup> Grade 2022

- **Mother's International Academy**

10<sup>th</sup> Grade 2020

## TECHNICAL SKILLS

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**Languages:** Java, HTML, CSS, JavaScript, SQL

**Technologies/Frameworks:** React.js, Node.js

**Developer Tools:** VS Code, GitHub

## CERTIFICATES

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**Apna College** - DSA with java

**Infosys** - Database Management System Part(I)

Database Management System Part(II)

**Google (Coursera)** - UI/ UX Design (7courses)

**Naukri.com** - AINCAT (2025)

Rank-2552

## PROJECTS

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### Chess Crowned Master - React.js

Developed a two-player web-based chess game using React.js with real-time move validation and check/checkmate logic. Implemented custom game rules, state management, and interactive UI with responsive design.

- Built chessboard using React components and hooks
- Managed game logic, turn tracking, and legal move highlighting
- Ensured responsive performance across devices
- Gained expertise in React state management and debugging

### Bank Management System – Java, Swing, MySQL

Developed a desktop-based banking system using Java Swing for the GUI and MySQL for backend data handling. The application allows admin-level management of bank accounts, transactions, and data persistence.

- Designed and implemented a GUI using Java Swing for smooth user interaction.
- Integrated MySQL database using JDBC for secure data operations.
- Implemented features like account creation, deposit/withdrawal, balance inquiry, and account deletion.
- Created and managed accounts and transactions tables in MySQL with primary and foreign key constraints.
- Applied best practices for code modularity and exception handling.
- Used IntelliJ IDEA (or Eclipse/NetBeans) as the development environment.