PRIYA YADAV

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SUMMARY

"Software Engineer with proficiency in developing scalable and effective full stack web applications using MERN & Spring Boot, with efficient data handling via MySQL & MongoDB. Furthermore, skilled in data analysis and had experience with POWER BI"

PROJECTS

- **ExpenX** | Your Expense Tracking Partner | MERN Stack | link   — June 2025
  Mobile-responsive finance dashboard featuring JWT-secured auth, real-time balance/income/expense cards, full CRUD with instant update alerts, interactive bar / pie / line charts, recent-transactions preview, Excel exports, and intuitive sidebar navigation.
  Key Features:
  - **Secure Authentication:** JWT signup/login with bcrypt hashing
  - **Real-Time Dashboard:** Dynamic summary cards for balance, income, expenses
  - **Income & Expense Management:** Add/view/delete entries with category tracking
  - **Instant Update Alerts:** Notifications on CRUD actions
  - **Interactive Charts:** Bar, Pie, Line visualizations of financial data
  - **Reporting:** Export income/expense data to Excel
  - **Responsive Design & Navigation:** Mobile-first UI with sidebar menu

  Technical Skills Demonstrations:

  - **Frontend:** React.js, CSS (Flexbox/Grid)
  - **Backend:** Node.js, Express.js, RESTful API design
  - **Database:** MongoDB, Mongoose schema modeling
  - **Security:** JWT authentication, bcrypt password hashing
  - **Visualization & Export:** Recharts, SheetJS for Excel generation
  - **Tools & Deployment:** Git/GitHub, Postman, deployed on Render
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- **Personalized Portfolio Website** | link   —Feb 2025
  Mobile-responsive personal and interactive portfolio site designed for easy access by clients and recruiters.
  Featured Projects:
  - ExpenX | Your Expense Tracking Partner | MERN Stack
  - AmazeCart | All at One Place | E-commerce-project | Spring Boot
  - Music-Recommendation-Platform | Keep Your Music on track| Python, Pandas, Scikit-learn, ML
  - Customer Insights and Sales Analysis | Pandas | Matplotlib | Seaborn
  - Quantum Bank | Bank Management System | Spring Boot
  - Bank Management System | Spring Boot
  Technologies Used: React and advanced UI/UX designs

SKILLS

- **Languages: Java, JavaScript, Html, CSS, Python**
- **Frameworks & Platforms:**
  - Frontend: React.js, Redux, Vue.js
  - Backend: Node.js, Express.js, Spring Boot
  - Databases & Architectural Patterns: MVC (Model-View-Controller), MySQL, MongoDB
- **Soft Skills: Effective communication, team collaboration & problem-solving**

CERTIFICATIONS

- Programming for Everybody (Getting Started with Python), Coursera, University of Michigan —May 2023
- AI For Everyone, Coursera, DeepLearning.AI— May 2024
- Effective Problem-Solving and Decision-Making, Coursera, University of California, Irvine — Dec 2022
- Introduction to Back-End Development, Coursera, Meta— Dec 2022 May 2023

EDUCATION

- **Bachelor of Technology in Computer Science**
  MAKAUT University   [2021-25]
  Aggregate CGPA: 8.09 / 10

- **Rajasthan Vidya Mandir**
  ICSE (10th) – 82.80 % of   2019
  ISC (12th) – 84.20 % of   2021