

PRUDHVI SURADA

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<https://github.com/PrudhviSurada>

OBJECTIVE

Seeking an entry-level software development role where I can apply my academic foundation and hands-on experience in responsive design, JavaScript, and full-stack development to contribute to impactful projects and grow in a collaborative, fast-paced environment.

EDUCATION

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| Bachelor of Technology in Computer Science and Engineering Chaitanya Engineering College, Visakhapatnam, CGPA : 7.0 / 62% | 2020 - 2024 |
| Intermediate(MPC) Narayana Junior College, Visakhapatnam, CGPA : 8.2 | 2018 - 2020 |
| Class X Bhashyam Public School, Visakhapatnam, CGPA : 9.2 | 2018 |

TECHNICAL SKILLS

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| LANGUAGES | : CORE JAVA, C, SQL, JAVASCRIPT, CSS3, HTML5 |
| FRAMEWORKS/LIBRARIES | : HIBERNATE, JDBC, REACT JS, BOOTSTRAP |
| DATA BASE | : MySql |
| TOOLS/IDE'S | : Maven, Eclipse, vsCode, Git, GitHub |

PROJECTS

TECH-SHOP : HTML, CSS, BOOTSTRAP

- Designed and developed a fully responsive static webpage using HTML, CSS, and Bootstrap.
- Implemented mobile-first layout principles for optimal user experience across devices.
- Utilized Bootstrap's grid system to ensure a consistent and adaptable layout structure.
- Built four main pages : Home, Product, Login, and Cart. Integrated key components such as Product cards for item display, a poster section for visual highlights. Detailed specifications for individual items. A user friendly login form for authentication.
- Maintained a consistent header and footer across all pages for seamless navigation and design uniformity.

E-COMMERCE : HTML, BOOTSTRAP, JAVASCRIPT

- Developed a responsive e-commerce website using scripting languages.
- Implemented seven distinct pages: Home, Products, About, Contact, Login, Register, and Cart.
- Enabled dynamic API data display with filtering functionality on Home and Products pages using JavaScript.
- Designed a consistent navigation header across all pages for seamless user experience.
- Built a Cart page with two conditional sections: Displaying a message when the cart is empty. Showcasing the item list with an order summary when products are added.

LIBRARY MANAGEMENT SYSTEM : CORE JAVA

- Designed and developed a Java-based Library Management System to streamline book inventory, user profiles, and transaction workflows, improving return efficiency.

- Leveraged core Object-Oriented Programming (OOP) principles—abstraction, inheritance, polymorphism, and encapsulation—to ensure clean and maintainable code architecture.
- Implemented real-time updates to reflect book availability, maintaining a consistent and reliable application state.
- Developed key user functionalities including: Borrowing books, Adding new titles, Checking availability, Processing returns.

EMPLOYEE DATABASE : MYSQL, DDL, DML, AGGREGATE FUNCTION

- Designed and implemented a normalized employees table with 7+ fields including ID, name, department, salary, hire date, email, and status, simulating a corporate HR system.
- Executed 10+ DDL and DML operations, inserting 100+ realistic employee records to validate database integrity and constraints.
- Crafted 15+ complex SQL queries with filtering, grouping, and aggregation to generate actionable insights such as salary distribution, departmental headcounts, and active employee reports.
- Applied advanced SQL clauses (WHERE, BETWEEN, IN, GROUP BY, ORDER BY) to optimize data retrieval, improving query performance by 35%.
- Utilized aggregate functions (COUNT(), AVG(), MAX()) for summary statistics, enabling management-level reporting and decision-making.