

# Ajay Biradar

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## Portfolio *(best viewed on desktop)*

### Technical Skills

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**Languages:** Java, JavaScript.

**Front End:** HTML, CSS, Tailwind CSS, React.js, React Hooks, Redux, SCSS, Bootstrap.

**Back End:** Node.js, Express.js, Passport, Mongoose, WebSocket.

**Database:** MongoDB (Atlas / Robo3T / Compass), Firebase, MySQL.

**Tools/ Platform:** Git, GitHub, Postman, Chrome Dev Tools, Redux DevTools, VS Code, NPM.

### Projects

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#### **Drools App** | [GitHub](#) | [Live](#)

- Application provides users with all the information associated to any meal, you can search meal by their name, and add it to your favorites list. Also view a video on how to make it.
- Information sourced from **Free Meal API**. Used **Local Storage** for storing the Favorites List.
- **Tech-Stack:** JS, HTML, CSS, Bootstrap.

#### **Gynx Music Studio** | [GitHub](#) | [Live](#)

- Professional music studio application with artist and album-based music streaming.
- User authentication via sign-up or Google sign-in for personalized access.
- Curated trending music based on multiple user favorites.
- User ability to save favorite songs and albums for quick access.
- Tech-Stack: Node.js (MVC Architecture), Express.js, Passport, Ejs-layouts, MongoDB.

#### **ECOM101** | [GitHub](#) | [Live](#)

- Redux based Ecommerce Application built to add items onto the cart, view product details and more.
- User can also add product along with edit access to the existing ones.
- **Tech-Stack:** React, React-Redux, Redux, React-Toastify, React-Hooks.

### Experience

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#### **Mechanical Design Engineer**

Jan 2021 – Jan 2023

**HCL Tech (R&D) – Semiconductor Domain**

Bangalore, India

- Proficient in IBE and IBD tools, handling tasks like gas lines, motion boxes, and motor replacements.
- Acted as a team leader for a Motion Box project, collaborating with stakeholders for 3D modeling, upgrades, and successfully presenting the project to the client.
- Demonstrated proficiency in SAP ECTR (Engineering Control Center) and SAP, utilizing the systems for PLM (Product Lifecycle Management) processes and Solid works for 3D modelling.
- Actively participated in project activities, including monthly monitoring, updating team metrics, and providing feedback to the project manager.
- Acted as a team player and actively engaged in various functional subgroups to expand knowledge and learn new technology.

### Education

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Vidya Jyothi Institute of Technology

Hyderabad, India

Bachelors of Technology - Mechanical

2016 - 2020

• **CGPA: 9.16**

### Certifications

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[Java](#) || [Data Structures and Algorithms](#) || [Front End](#) || [Back End \(NodeJS\)](#) || [React](#) || [DBMS](#)