

Jishnu JP

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Education

2016-2020	APJ Abdul Kalam Technical University	Trivandrum, Kerala
<i>BE- Electrical Engineering, Grades: 6.05 CGPA</i>		
2014-2016	MES College of Engineering Campus Senior Secondary School	Kuttippuram, Kerala
<i>Class XII, Grades: 82%</i>		
2012-2014	MES College of Engineering Campus Senior Secondary School	Kuttippuram, Kerala
<i>Class X, Grades: 8.0 CGPA</i>		

Summary.

- Proficient in developing cloud-based architectures that enable scalable and adaptable systems that seamlessly connect with other devices and services.
- Expertise in Programming Fundamentals, and Database Fundamentals.
- Familiar with Javascript, C++ Programming ,DSA
- Familiar with Reactjs and Material UI
- Knowledge of Writing & Executing SQL Statements
- Knowledge of SQL , MongoDB Server Database Management System.
- Excellent communication and collaboration skills, enabling effective teamwork and timely project delivery while remaining within budget.
- Utilizes tools like Figma for enhanced project collaboration and design.
- Hands-on experience with HTML/CSS(tailwind) , Node.js, firebase and cloudinary
- Proficient in Socket.io for real-time, bidirectional communication
- Proficient in GraphQL and ,Axios for efficient API development
- Good Knowledge of Software Development Life Cycle and Software Test Life Cycle.
- Knowledge of Various SDLC Models, Test Levels, Test Types, and Test design Techniques.
- Hosted Web applications on AWS, Firebase, Vercel, Render
- Knowledge of All phases of the Software Test Process includes Test Planning, Test Design, Test Execution and Test Closure.
- Knowledge of Generating Test Scenarios, Write Test Cases and Collect Test Data.
- Knowledge of Defect Reporting, Defect Tracking, and complete Defect Life cycle.

Work Experience

2022-2023 LiveLighting Consultants, Kuttippuram, Kerala

Executive Member

- Played a key role in designing and implementing an automated water filter using ESP32 microcontroller
- Contributed to the development of IoT-based solutions for water management
- Collaborated with team members to design and prototype innovative solutions

2021-2022 4i Technologies, Mumbai

Manual Software Tester

- Conducted functional testing on various software applications
- Worked in an Agile development environment
- Participated in all phases of the Software Development Life Cycle (SDLC)
- Familiar with defect tracking and test management tools

Training

2023 – present Brototype(kerala)

- Learning Mern Stack + DSA
- Academy offers Self Learning practice with regulated monitoring

Project

1. Novel Writer

Project Title	https://novelwriter-2.onrender.com/
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Role	MERN Stack developer
S/W & Tools	React, Node.js, Express, MongoDB, Material UI, Redux, GraphQL, Groq AI, Socket.io
git	https://github.com/Jishnu-21/NovelWriter

Features

- Platform for reading and writing interactive, non-linear stories.
- Created a node-like data structure to interlink pages with options, enabling branching narratives.
- Google authentication with a fully responsive design.
- State management using Redux.
- Admin panel for managing story listings, including adding categories and managing banners.
- Integrated Llama 3 70B model using Groq AI for generating story content and options.
- Developed a separate GraphQL server using Apollo Server for AI responses and interactions.
- Implemented Socket.io for real-time communication between users and authors.

2.Umarketplace

Project Title	https://umarketplace.online/
Role	Full Stack developer
S/W & Tools	Node,JS,Figma,Mongo DB,Html\css,Nginx,Axios
git	https://github.com/Jishnu-21/ecommerce-repo

Features

- User Authentication and Verification
- Users can browse, buy, and sell products conveniently.
- Search and Filtering Options, User dashboard for managing account settings, viewing order history, and downloading invoices
- Hosted with AWS EC2 instance with nginx
- Implementation of robust security measures such as OTP verification, SSL encryption, and secure payment gateways to protect user data and transactions.

Mini Projects

Netflix Clone (<https://react-netflix-iota.vercel.app/>)

- **Technologies:** React, Firebase, TMDB API,
- **Features :** - Responsive design - TMDB integration for movie data - Authentication through Firebase - Firebase database integration - VidSrc integration for movie playback

OLX Clone (<https://olx-clone-ptqi2h4or-jishnu-21s-projects.vercel.app/>)

- **Technologies:** React, Firebase, Cloudinary
- **Features:** - AuthContext for authentication - Cloudinary integration for image uploads - Responsive design

Certification

- ISTQB Foundation Level (CTFL) Jan 2023

Additional Skills

IT Skills C++, Java, MS SQL Server , Java Script , Node.js , MongoDB

Tools Selenium, Jira , Postman, Figma

Languages English, Malayalam, Hindi, Tamil

Interests Reading, travelling, cycling