





Joel Joby

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EXPERIENCE

WORK EXPERIENCE

Software Developer | *at D'Katia*

Aug. 2024 – Present

As a Backend Developer with 2+ years of experience, I focus on developing comprehensive web applications, handling database management, and creating APIs for mobile applications. I've created and integrated REST APIs to ensure efficient communication between the back-end and front-end.

Web Application Developer | *at Cords Innovation*

Aug. 2023 – Aug. 2024

Worked on the development and maintenance of business web applications, focusing on implementing core features, handling database operations, and improving existing modules for 1+ years. I contributed to API development, system validation, and ensured smooth integration between frontend interfaces and backend services.

SKILLS

Languages: Python (Primary), PHP, SQL, HTML/CSS/JS

Technologies/Frameworks: Django, API, Git/GitHub, Figma, MySQL, Postman, CodeIgniter

Expertise Area: MVC Architecture, UI Designing, Object-Oriented Programming (OOPs)

Libraries: Bootstrap, jQuery

Novice Experience: Ubuntu, Laravel

Cloud & DevOps: : AWS, AWS EC2, Docker (Project-based experience)

EDUCATION

APJ Abdul Kalam Technological University

Aug. 2019 – Jun. 2023

Bachelor of Technology in Computer Science

SFS Public School & Junior College

May. 2017 – Mar. 2019

XII, CBSE

SFS Public School & Junior College

May. 2016 – Mar. 2017

X, CBSE

PROJECTS

FREELANCE PROJECTS

ALIVV Ecommerce | *Django, Python, HTML/CSS/JS, SQLite, AWS EC2, Docker*

- Built a small-scale eCommerce website for a freelance client featuring product listings, category management and seamless order redirection to WhatsApp.
- Developed dynamic pricing logic for product sales and built dynamic landing pages to enhance user engagement.
- Deployed on AWS EC2 using Docker and Unicorn/Nginx and Managed deployment, environment variables, and server setup independently.

Mini Banking System | *Django, Python, HTML/CSS/JS, SQLite*

- The system does transactions, update the balance and limits the debit transactions daily.
- Created end-points, API's for the transactions and done Database Manipulation.

Task Manager and Expense Manager | *Python*

- The project is done in CLI for Task Manager and GUI for Expense Manager.

Visualization Dashboard | *Laravel, PHP, HTML/CSS/JS, MySql*

- The Web Application is a Data Visualization system using Chart.js.

OFFICE PROJECTS

Career Book ERP | *CodeIgniter, PHP, SQL, HTML/CSS/JS, jQuery, MySql, Postman*

Aug. 2024 - Present

- The system is an educational institution ERPs.
- Developed REST APIs for the project .

Omi+ | *CodeIgniter, PHP, SQL, HTML/CSS/JS, jQuery, MySql, Postman*

July. 2024 - Aug. 2024

- The Web Application that suggests food recipes and health monitoring.
- Developed APIs and RestAPI for the project, created end-points and done Database Manipulation.

Rental Management | *CodeIgniter, PHP, SQL, HTML/CSS/JS, jQuery, MySql*

June. 2024 - July. 2024

- The Web Application is an ERP system, used for Rent Collection and Tenant Management.
- Worked on creating end-points, User Authentication, Validation, and Database Manipulation.

MetaCorp | *CodeIgniter, PHP, SQL, HTML/CSS/JS, jQuery, Figma, MySql, Postman*

Jan. 2024 - June. 2024

- The Web Application is a retail management system.
- Worked on creating end-points, validation, database management and Developed APIs and Rest APIs.

COLLEGE PROJECTS

ARVidya | *Java, Firebase, Arcore, Blender, Sceneform, Google TTS API*

Oct. 2022 - Mar. 2023

- The Mobile application provides students to learn with the help of Augmented Reality.

DON8 | *PHP, SQL, HTML/CSS/JS, jQuery, Figma, MySql*

April. 2022 - Aug. 2022

- A dynamic donation website that unifies money, food, clothing among other items, under one roof.
- Multiple user login, integrated payment gateway, and admin-side volunteer management.

ACHIEVEMENTS

- 2022 - "AREA 51 Hackathon Semi Finalist" Organized by CSI JECC, IEDC JECC, Unicorn Dev Community

OTHER EXPERIENCE

Publicity Coordinator | *IEEE SB SJCT Palai*

May. 2022 - May. 2023

Technical Coordinator | *IEEE SB SJCT Palai*

May. 2021 - April. 2022

ORGANIZATIONS

IEEE SB SJCT | *at SJCT*

Aug. 2020 - Jun. 2023

TinkerHub SJCT | *at SJCT*

Jun. 2020 - Jun. 2023

NSS Unit 201 | *at SJCT*

Sep. 2020 - Aug. 2022

LANGUAGES

English | *Full Professional Proficiency*

Malayalam | *Full Professional Proficiency*