

# JYOTHIKA P.T

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## OBJECTIVE

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Web developer skilled in python-django development. Committed to ongoing learning and adapting to new technologies. Dedicated to delivering high-quality code and exceptional user experiences, while collaborating effectively within cross-functional teams. Ready to bring a dedicated work ethic, quick learning ability, and a passion for creating innovative solutions to a challenging internship role. Seeking full-time developer positions to contribute to company growth and innovation.

## EDUCATION

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**Bachelors of Physics,** Kannur University 2018 – 2021

Achieved a Bachelor's degree in Physics from Kannur University with an Overall Grade Point Average (OGPA) of 8.408. Demonstrated strong proficiency in fundamental principles of Physics, including classical mechanics, electromagnetism, quantum mechanics and thermodynamics. Engaged in rigorous coursework, laboratory experiments and research projects fostering deep understanding of theoretical concepts and practical applications.

**Masters in Computer Science,** Kannur University 2021 – 2023

Completed a Master's degree in Computer Science from Kannur University with an Overall Grade Point Average (OGPA) of 8.005, focusing on a comprehensive curriculum encompassing core subjects and advanced topics. Excelled in courses covering essential programming languages such as C, C++ and Java, mastering concepts in software development and object oriented programming. Developed proficiency in database management systems, including MySQL, gaining hands on experience in designing, querying and managing databases to store and retrieve data efficiently. Demonstrated academic excellence and a passion for continuous learning, preparing for a dynamic career in the field of computer science.

## TECHNICAL SKILLS

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<b>Programming Languages</b>	Python, C++, C
<b>Frontend</b>	HTML, CSS, JavaScript, Bootstrap, React
<b>Backend</b>	Django, Flask, REST API, JWT Token
<b>Databases</b>	MySQL, MongoDB
<b>Version Control and IDEs</b>	GitHub, PyCharm, Visual Studio Code
<b>Design and Prototype</b>	Canva, Figma

## EXPERIENCE

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**Python Developer Intern (1 Year) | SMEClabs, Kaloor, Kochi**

- Developed and maintained web applications using Python, Django, React, Javascript, HTML, CSS and bootstrap
- Enhanced data management and user interface functionalities to improve application efficiency.
- Proficient in handling application data with precision using MongoDB and MySQL databases.
- Designed and integrated RESTful APIs to improve backend functionality and enable efficient communication between client and server.
- Collaborated with front-end teams to ensure seamless integration of backend logic with React JS for a smooth user

experience.

- Worked on both back-end and front-end tasks, contributing to full-stack development to deliver scalable and user-friendly solutions.

## Python REST API Developer Intern

Dhanwis TechInfo Solutions, Kannur

Jul 2024

I am currently working as Python REST API developer at Dhanwis Techinfo Solutions, Kannur, developing and maintaining RESTful APIs using Python and Django REST Framework. Also, focusing on building interactive and user friendly front-end interfaces with React-JS that communicate seamlessly with API backend services.

## PROJECTS

**TECHBUY- Ecommerce site for Media gadgets** (DJANGO, MYSQL) – SMEC Labs

Jan 2024

**Github Link:** [◇ GitHub](#)

- Techbuy is an e-commerce platform for electronic gadget enthusiasts, built using HTML, CSS, JavaScript, Bootstrap, and Django.
- The platform features a responsive design for optimal viewing on all devices, enhancing accessibility and user experience.
- JavaScript is utilized for dynamic features and interactive elements, improving user engagement.
- MYSQL is used for efficient data management and reliable storage.
- Secure transaction handling protocols protect user data, ensuring a safe shopping environment.
- User authentication and authorization functionalities are implemented for secure account access.
- Search and filter options are available for easy navigation and quick access to products.
- Users can leave reviews and ratings, fostering community engagement and providing feedback for future buyers.
- Wishlist and cart management features allow users to save items and manage their shopping carts efficiently.
- A responsive customer support system is in place for assistance or inquiries, enhancing customer satisfaction.
- Integration with popular payment gateways allows for seamless and secure transactions, providing multiple payment options.

**CLEARFIX - simple Q&A site used between users** (REACT, JAVASCRIPT, REST API)

Present

- Clearfix is a question-and-answer website focused on programming and software development.
- Serves as a platform where developers can ask and answer questions related to coding and software development
- Users can post errors or issues they encounter in their program
- Users can suggest corrections or solutions to posted errors
- Different users can add their solutions to the posted errors and the reported user can choose their precised solution.
- Developed a dynamic web application using React, Bootstrap, CSS and JavaScript for the front-end, integrated with aRESTful API backend, focusing on creating reusable components, ensuring efficient API communication, optimizing performance, and collaborating with cross-functional teams to deliver a robust and scalable solution.