KAYATHIRI S

Software Developer & Technical Trainer

# 3/9, North Street, Esanthimanagalam Keelur, Kanyakumari, Tamil Nadu – 629852

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**PROFESSIONAL SUMMARY**

Passionate Software Developer and Technical Trainer who loves turning ideas into working applications. Over the past 2+ years, I've helped students master Python and Django while building my own e-commerce platforms and learning management systems from scratch. I enjoy the challenge of integrating payment systems and creating user-friendly interfaces that actually work. Currently diving deeper into data analysis and AI because I'm fascinated by how technology can solve real problems.

**SKILLS & COMPETENCIES**

* **Programming Languages:**

Python, JavaScript, HTML, CSS

* **Frameworks & Libraries:**

Django, Node.js, Express.js, jQuery, Bootstrap, Tkinter, PyQt

* **Database Management:**

PostgreSQL, MySQL, MongoDB, SQLite

* **Payment Gateways:**

Razorpay API integration, Cash on Delivery (COD) systems

* **Data Analysis :**

NumPy, Pandas, Matplotlib, Power BI, DAX

* **Tools & Technologies:**

Git, GitHub, MS Office, pyttsx3AI.

* **AI Tools:**

ChatGPT, Claude AI, Gemini AI

* **Development Areas:**

Full-stack development, API integration, responsive design

**PROFESSIONAL EXPERIENCE**

## Freelance Trainer - Python, Django & Web Development

## *Ziawin Elite Institute, Thiruvanamali (Remote) | Feb 2024 - Jan 2025*

* Taught 24+ hours monthly of hands-on Python, Django, and web development to eager students
* Created training materials that actually made sense to beginners and advanced learners alike
* Spent countless hours in one-on-one sessions helping students overcome coding roadblocks.
* Worked closely with the institute team to build e-learning modules that students genuinely enjoyed

## Technical Trainer *ASPIREDEV,*

## *Nagercoil, Tamil Nadu* | Apr 2022 - Feb 2023

* Guided students through web development projects, watching them go from confused to confident
* Focused on teaching real problem-solving skills rather than just syntax memorization
* Designed learning paths that helped students build actual portfolios they could be proud of

## Technical Trainer *Networkzsystem,*

## *Nagercoil, Tamil Nadu* | Dec 2020 - Dec 2021

* Developed customized training programs for various technical audiences, including new hires and experienced professionals.
* Implemented diverse teaching methodologies, including hands-on labs and e-learning modules.
* Worked closely with students to provide technical solutions and constructive feedback on project work.

Education

## Bachelor of Engineering (B.E.) in Electronics and Communication Engineering (ECE)

Vins Christian College of Engineering, Nagercoil | 2016 – 2020

**Higher Secondary Certificate (HSC)**

St. Joseph's Convent Higher Secondary School, Nagercoil | 2015 – 2016

**Secondary School Leaving Certificate (SSLC)**

St. Joseph's Convent Higher Secondary School, Nagercoil | 2015 – 2016

communication

* Proficient in explaining complex technical concepts to diverse audiences.
* Experienced in mentoring and providing constructive feedback.

**Languages:**

* Tamil: Native proficiency
* English: Intermediate proficiency

Leadership

* Coordinated online training sessions and workshops.
* Mentored trainees in their learning paths, fostering a collaborative environment.
* Developed training materials to enhance educational program effectiveness.
* Participated in community engagement activities.

PROJECTS

E-commerce Platform with Razorpay Integration  
*Live Demo:* [*https://kayathirinagarajan.pythonanywhere.com/*](https://kayathirinagarajan.pythonanywhere.com/)

* Built a complete online store where people can actually buy things using real payment processing
* Integrated Razorpay because I wanted customers to have multiple ways to pay (and it was a fun challenge!)
* Added features like automatic invoice generation that made me realize how much small details matter
* Learned a lot about handling edge cases when real money is involved
* Technologies: Django, Python, Razorpay API, HTML, CSS, MySQL

E-commerce Platform Development  
*Live Demo:* [*https://kayathiri.pythonanywhere.com/*](https://kayathiri.pythonanywhere.com/)

* Created my first full e-commerce site from scratch, complete with user accounts and shopping carts
* Spent weeks getting the checkout process just right because I know how frustrating broken websites are
* Added search and filtering because I hate scrolling through endless product lists
* Still proud of how the responsive design turned out across different devices
* Technologies: Django, Python, HTML, CSS, PostgreSQL
* GitHub: [**https://github.com/kayathiri21/heaven-flower.git**](https://github.com/kayathiri21/heaven-flower.git)

Mini-LMS Platform for Teachers and Students  
*GitHub:* [*https://github.com/kayathiri21/Mini-LMS-Platform-for-Teachers-and-Student.git*](https://github.com/kayathiri21/Mini-LMS-Platform-for-Teachers-and-Student.git)

* Built this because I saw firsthand how teachers needed better tools for managing courses and quizzes
* Created separate dashboards for teachers and students (learned a lot about user roles the hard way)
* The real-time quiz feedback feature was tricky to implement but totally worth it when it worked
* Used Bootstrap to make sure it looks good on phones since students are always on mobile
* **Technologies:** Django, Python, HTML, CSS, Bootstrap, SQLite

Power BI Marketing Dashboard  
*GitHub:* [*https://github.com/kayathiri24/marketing-campaign-and-ROI-Analysis-power-bi*](https://github.com/kayathiri24/marketing-campaign-and-ROI-Analysis-power-bi)

* Dove into data analysis to understand how marketing campaigns really perform
* Used AI features in Power BI to find patterns I never would have spotted manually
* Created interactive dashboards that actually help people make business decisions
* This project opened my eyes to how much story data can tell when you know how to listen
* **Technologies:** Power BI, DAX, Data Analysis, AI Insights

CORE COMPETENCIES

* Full-stack web application development and deployment
* Technical training and curriculum development
* Payment gateway integration and e-commerce solutions
* Database design and optimization
* API development and third-party service integration
* Responsive web design and user experience optimization
* Project-based learning and mentoring
* Cross-functional collaboration and team coordination

**ADDITIONAL INFORMATION**

* Active interest in AI applications and data analysis technologies
* Experience with community engagement and educational program development