

Kumaresan K P

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Bachelor of Engineering

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📺 YouTube Channel: Programming with Kumaresan

🌐 kumaresankp.pythonanywhere.com

EDUCATION

•BE Computer Science and Engineering

Kings College of Engineering, Punalkulam

2021-25

CGPA: 9.1

PERSONAL PROJECTS

•internIQ (Deployed at www.interniq.live)

An LMS platform similar to Udemy and Skillshare, built with Python Django and integrated with Razorpay for payment processing.

- Developed a Learning Management System for online courses, including features for course creation, user management, and content delivery.
- Integrated Razorpay for seamless payment processing and course enrollment.
- Technologies used: Python, Django, Razorpay API.

•Online IDE (Deployed at ide.interniq.live)

A web-based IDE allowing users to execute Python, C, and C++ code directly in the browser.

- Enabled real-time code execution for Python, C, and C++ within the browser environment.
- Technologies used: Python, Flask, JavaScript, HTML, CSS.

•removeBG (Deployed at bgremove.pythonanywhere.com)

An application that removes backgrounds from images using the rembg module, with the result available for download directly in the browser.

- Utilized the rembg module to remove image backgrounds with ease and efficiency.
- Developed using Flask for the backend and Python for image processing.
- Technologies used: Python, Flask, rembg, HTML, CSS.

EXPERIENCE

•Internship & Project Development

[09/2023] - [10/2024]

internIQ

Online

- Contributed to the development and management of internIQ, a platform for providing internships and online courses.
- Designed and implemented LMS features; managed content creation, user support, and payment processing with Razorpay.

•Content Creator

[06/2023] - Present

Programming with Kumaresan

Online

- Develop and deliver programming tutorials through a YouTube channel, focusing on languages like Python, C++, and web development.
- Engage with viewers, address questions, and produce educational content using video editing and planning skills.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, C++, React JS, JavaScript, HTML+CSS

Libraries/Frameworks: Flask, Django, Selenium, React.js

Web Dev Tools: PowerBI, Docker, VS Code, Git, GitHub

Relevant Coursework: React.js Bootcamp, Introduction to Cloud Computing, AI Introduction and Elements of AI, Networking and Web Technologies

Areas of Interest: Investing, Meditation, Dumbbell Exercise, Playing Chess, Content Creation, Web Development with Flask and Django,

Soft Skills: Problem Solving, Self-Learning, Presentation, Adaptability

ACHIEVEMENTS

•**Presented at International Conference:** Presented a paper titled "Plant Disease Identification Using IoT" NIT Trichy

•**Startup Idea Health Harbor Selected up to Third Stage:** Tamil Nadu State Council for Science and Technology

•**First Place in Codeathon Event:** Sri Eshwar College of Engineering, Coimbatore

•**First Place in Code Debugging Event:** Parisutham Institute of Science and Technology

•**First Place in Capture the Flag Event:** Shanmuganathan Engineering College