

LOHIETH RANGASAMY

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PROFESSIONAL SUMMARY

As a passionate full-stack developer, I am proficient in Java and Python, with strong expertise in frontend development using React.js and Bootstrap, along with backend technologies like Node.js (Express) and Django. I have extensive experience working with databases such as MySQL, PostgreSQL and MongoDB. My focus is on creating responsive, user-friendly interfaces with optimized performance and ensuring seamless integration between frontend and backend systems.

TECHNICAL SKILLS

Languages : Python, Java, HTML, CSS, JavaScript, PHP
Frameworks : React.js , Node.js, Django, Bootstrap
Libraries : NumPy, Pandas, Matplotlib,
Database : MySQL, PostgreSQL, MongoDB
DevOps Tools : Git, Github, Docker, VS code, PyCharm, XAMPP
Competitive Programming : @Hackerrank, @leetcode

PROJECTS

Project 1: @EdTech Platform Django, Supabase, PostgreSQL, HTML, CSS, Bootstrap 5, AJAX	Jan 2025
<ul style="list-style-type: none">- Built and launched a scalable EdTech platform, boosting user engagement by 40% and course enrollments by 35% within three months.- Created an intuitive UI with seamless navigation, enhancing user experience and increasing platform efficiency by 20%.- Introduced a unique Rock-Paper-Scissors password recovery mechanism, improving accessibility and raising user satisfaction by 25%.- Enhanced platform performance through CDN delivery, image optimization, and automated storage cleanup, cutting load times by 30%.- Strengthened security and scalability with HTTPS enforcement, session handling, and database optimization, ensuring seamless growth.- Utilized Supabase for media and database management, leading to a 25% improvement in system reliability and responsiveness.	
Project 3: @Brand-Cycle React.js, Bootstrap, HTML, CSS, JavaScript	Oct 2024
<ul style="list-style-type: none">- Developed an engaging UI/UX for the 'Brand Cycle' e-commerce platform, enhancing user interactions by 30%.- Refined the browsing experience, leading to a 25% boost in navigation efficiency and customer engagement.- Optimized frontend components using Bootstrap, improving conversion rates by 15% and fostering better customer retention.- Accelerated page loading speeds by 20% through efficient UI structuring, ensuring a more responsive website.- Implemented simple backend functionalities, allowing users to browse products and express purchase intent, improving usability.- Collaborated with cross-functional teams to align development strategies with business objectives, increasing website traffic by 20%.	
Project 4: @Vinhub HTML, CSS, JavaScript, Bootstrap	Sep 2024
<ul style="list-style-type: none">- Designed and structured the frontend of Vinhub, an information hub for international vintage cars, increasing engagement by 30%.- Crafted an elegant and user-friendly interface, resulting in a 40% rise in interactions and a smoother browsing experience.- Developed a responsive and visually appealing design, optimizing accessibility across devices and attracting a broader audience.- Incorporated elements and interactive features, leading to a 25% increase in session duration.- Spearheaded UI enhancements, boosting platform visibility and establishing Vinhub as a premier resource for vintage car enthusiasts.	

EDUCATION

Kamarajar Matriculation School	10th Graduation 96.4%	Jun 2019 – Apr 2020
Kamarajar Matric Higher Secondary School	12th Graduation 88%.	Jun 2021 – Apr 2022
KPR Institute of Engineering - And Technology	B.E. in Computer Science and Engineering GPA : 8.0	Aug 2022 – May 2026

AWARDS AND CERTIFICATIONS

Python Web Documents Tutorial IBM	May 2023
Java TapAcademy IBM	December 2024
Web Development Web Documents Tutorial IBM Coursera	January 2024
Git and GitHub Web Documents Tutorial IBM	June 2024
Data Visualization Tutorial UCDAVIS	September 2023