VIJAYARAGAVAN

Aspiring Software Engineer

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Profile Summary

Recent engineering graduate with strong foundations in Data Structures, Algorithms, and full-stack development. Passionate about building scalable software solutions and eager to learn cutting edge technologies while contributing to impactful real world project

Work Experience

COAPPS.ai   **Oct 2023 – March 2024**
Full Stack Developer Intern   *Chennai, Tamilnadu*

- Developed and maintained dynamic web applications using Python Django for backend and React.js for frontend.
- Managed and updated Terraform and Ansible automation scripts for stable and secure cloud deployments.
- Collaborated with cross-functional teams to resolve client environment issues and improve system performance.
- Hands-on experience with queueing systems like Kafka and RabbitMQ.
- Reduced deployment time by 30% by integrating CI/CD pipelines with GitHub Actions.

Projects

Capg Watches - E-Commerce | *HTML5, CSS3, JavaScript, React.js, Bootstrap, RESTful API*   **Nov 2024 - Dec 2024**
[Live Site](#) | [GitHub](#)

- Developed a front-end dashboard for hybrid cloud management using ReactJS and NodeJS.
- Implemented **React Router** for seamless navigation, improving overall app flow and user experience.
- Integrated CI/CD pipelines for seamless deployment and system updates
- Enhanced user experience by implementing responsive and intuitive UI components.

Alua Jewells - E-Commerce | *HTML5, CSS3, JavaScript, jQuery, PHP, Laravel, MySQL, Kafka*   **Dec 2024 - Feb 2025**
[GitHub](#)

- Designed a fully responsive and mobile-friendly user interface using HTML, CSS, and JavaScript, ensuring a smooth browsing experience across various devices.
- Built a secure, scalable e-commerce platform with Laravel authentication and Kafka-driven event architecture, improving data processing efficiency.
- Implemented event-driven architecture using Kafka to ensure smooth data processing.
- Developed a fully responsive interface, improving user engagement by 60%

Education

KIT-Kalaignar Karunanidhi Institute of Technology, Coimbatore   **Sep 2020 – May 2024**
Bachelor of Electrical and Electronic Engineering   *Coimbatore, Tamilnadu*

Technical Skills

Programming: Java, Python, JavaScript, PHP, HTML/CSS
Technologies/Frameworks: CI/CD Pipelines, React.js, Laravel, Bootstrap
Concepts: Data Structures & Algorithms, Operating Systems, OOP, REST API, Agile Methodology
Databases: MySQL, MongoDB

Certifications & Training

Image Creative Education, KK Nagar - Madurai   **April 2023 – March 2024**
Full Stack Development   *Madurai, Tamil Nadu*

Achievement

Coding Hackathon Participation   **Coimbatore, Dec 2024**

- Ranked in the **top 20%** in a 5-hour coding challenge at KIT, solving 21/50 problems with 88% accuracy. Demonstrated strong skills in Java, problem-solving, and algorithmic optimization.

Problem Solving

- Solved **150+ algorithmic problems on LeetCode**, building expertise in data structures (arrays, trees, graphs) and dynamic programming.