

VIGNESHWARI SAKTHIVEL

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PROFESSIONAL SUMMARY

Full-Stack Developer experienced in building scalable web applications using React.js (MUI), Django REST, and PostgreSQL. Built AI-proctored tools with OTP login, JWT-secured dashboards, and automated CI/CD deployment. Strong in JavaScript (ES6), Python, Git workflows, and Agile practices. I leverage my full-stack development skills to build impactful, cloud-native solutions in innovative tech environments.

WORK EXPERIENCE

Full-Stack Developer Intern & Team Lead, VDart Global Capability Centre - Trichy | Dec 2024 - Present

- Developed 20+ frontend/backend features using React.js and Django REST APIs in an Agile environment.
- Led a team of 10 engineers to deliver 2 production-ready platforms via CI/CD (Render, Vercel).
- Resolved 95% of backend issues and optimized modules, improving performance by 20%.
- Contributed to sprint planning, Git-based reviews, and clean code enforcement for on-time delivery.
- Spearheaded company projects including an AI-proctored test platform, LMS, and HR system as part of a cross-functional team at VDart GCC.

SKILLS

- **Programming:** Python, JavaScript (ES6+), Java, C++, C
- **Frontend:** React.js, HTML5, CSS3, Material UI, Responsive Design, UI/UX
- **Backend:** Django, Django REST Framework, MVC, REST API, Auth & Middleware
- **Databases:** PostgreSQL, MySQL, Oracle SQL, Query Optimization
- **DevOps & Tools:** Git, GitHub, CI/CD (Render, Vercel), VS Code, Insomnia
- **Testing & Debugging:** Unit Testing, API Testing, Debugging, Version Control
- **Workflow & Process:** Agile, Scrum, Sprint Planning, Team Collaboration
- **Other Tools:** Photoshop, Canva, Figma, Wireframing
- **Soft Skills:** Team Leadership, Problem Solving, Communication, Adaptability

PROJECTS

TECH STACK: REACT.JS (MUI), DJANGO REST FRAMEWORK, POSTGRESQL, CI/CD (RENDER, VERCEL)

Skill Bridge Online Test Platform

- Developed AI-proctored tools that featured OTP-based authentication and secure dashboards.
- Delivered 15+ REST APIs for auth, test flow, scoring, analytics, and auto-certification.
- Added CSV/PDF bulk question upload and secure login with real-time insights.
- Deployed via zero-downtime CI/CD pipelines using Render and Vercel, improving delivery speed by 20%.
- Participated in Agile sprints and peer reviews using Git-based workflows.

Smart Intern Management System (Company Project – VDart Global Capability Centre)

- Built an internal HR system for tracking interns, attendance, and stipends.
- Implemented JWT-secured dashboards and automated PDF offer/certificate generation.
- Delivered REST APIs for intern onboarding and reporting workflows.
- Improved admin efficiency by 60% via responsive UI and CI/CD pipelines.

Learning Management System (E-Learning Platform)(Company Project – VDart Global Capability Centre)

- Developed a modular LMS with course delivery, quizzes, certification, and progress tracking.
- Built REST APIs for course content, analytics, and real-time performance data.
- Designed mobile-first UI dashboards to increase user interaction.
- Improved system scalability through component-based architecture.

EDUCATION

Bachelor of Science (B.Sc.) in Computer Science

Dr. Umayal Ramanathan College for Women, Alagappa University

B.Sc. Computer Science | CGPA: 8.5/10 (First Class) | Aug 2022 – May 2025

- Relevant Coursework: DS, Algorithms, OS, Web Dev, SQL, OOP