

Keerthivasan S J

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Professional Summary

Aspiring Software Engineer with hands-on experience in developing scalable web applications using Python and Django. Proficient in full-stack development, database design, and Java programming. Strong foundation in algorithms and object-oriented principles, with a passion for solving real-world challenges and building user-focused products in collaborative Agile environments.

Work Experience

- Web Development Intern – Full Stack**, JSW Steel, Salem, TN - 636453 Jul 2024 (15-day Internship)
- Developed an e-commerce web application (Flipkart-style) using Django, HTML, CSS, JavaScript, to support product search, cart management, and dynamic product listings.
 - Diagnosed and resolved 10+ IT support tickets involving login errors, hardware failures, and password resets.
 - Collaborated with enterprise-level mentors to understand full-stack development workflows and industry best practices.

Education

- K Ramakrishnan College of Technology**, Trichy, TN - 621112, Jul 2022 – May 2026
BE in Computer Science and Engineering - CGPA: 8.42 / 10
- Coursework:** Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, Database Management, Computer Networks
- Malco Vidhyalaya Matriculation Higher Secondary School**, Mettur, TN - 636402, Jul 2021 – May 2022
Higher Secondary Certificate (HSC) - Computer Science - 85%
- Malco Vidhyalaya Matriculation Higher Secondary School**, Mettur, TN - 636402, Jul 2019 – Mar 2020
Secondary School Leaving Certificate (SSLC) - 74.8%

Technical Skills

- Programming Languages:** Python, Java, C/C++, JavaScript, SQL
- Web Technologies:** HTML, CSS, Django
- Databases & Platforms:** MySQL, Git, GitHub, Microsoft Azure
- Soft Skills:** Problem Solving, Collaboration, Adaptability, Communication, Time Management

Projects

EcoSwap – EV Battery Swapping Platform | [\(Link\)](#)

Developed a responsive full-stack web application using Django, HTML, CSS, and JavaScript for seamless EV battery swapping, integrating secure authentication, efficient database handling, and real-time battery availability tracking.

Personal Portfolio Maker | [\(Link\)](#)

Developed a dynamic portfolio generator using Django, HTML, CSS, and JavaScript, featuring modular sections for profile, education, experience, and projects with live editing functionality.

Certifications

- Programming in Java (94%)** – NPTEL (Elite + Gold, IIT Kharagpur), 2025 | [Link](#)
- Microsoft Azure Fundamentals** – Microsoft, 2024 | [Link](#)
- Getting Started with Competitive Programming (61%)** – NPTEL (IIT Gandhinagar), 2024 | [Link](#)
- Joy of Computing Using Python (90%)** – NPTEL (Elite + Gold, IIT Madras), 2024 | [Link](#)
- Data Structures and Algorithms (69%)** – NPTEL (Elite, IIT Kharagpur), 2024 | [Link](#)

Achievements

- Solved 1000+ coding problems across platforms including [LeetCode](#) (Rating: 1,518), [CodeChef](#), [HackerRank](#), and [GeeksforGeeks](#), demonstrating strong problem-solving and algorithmic skills.
- Achieved top HackerRank badges, demonstrating proficiency in Python (5 stars), Java (5 stars), and Problem Solving (4 stars).
- 1st in Front-End Dev & 2nd in “Edutect using AR” paper presentation at GCT Srirangam Symposium.