

Shrutha V W

Full-Stack Developer experienced in designing and deploying scalable, end-to-end web applications using React.js, Node.js, Django, and SQL. Skilled at building responsive UIs, secure APIs, and optimized databases, with exposure to CI/CD pipelines and Agile practices. Proven ability to deliver high-performance SaaS portals and dashboards through strong collaboration with cross-functional teams.

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SKILLS

- **Frontend:** React.js, JavaScript (ES6+), Redux (basic), HTML5, CSS3, Tailwind CSS, Responsive UI, UX Best Practices.
- **Backend & APIs:** Node.js, Django, Flask, Java (basics: OOP), REST APIs, API Design, Authentication, Authorization.
- **Databases & systems :** MySQL, PostgreSQL, MongoDB, SQL (Query Optimization, Indexing), Kafka(Basics).
- **DevOps & Tools:** Git, GitHub, GitLab, Postman, VS Code, Jira, Docker.
- **Testing & Build Tools:** Jest (basic), Webpack, Vite (exposure).
- **CS Fundamentals:** Data Structures & Algorithms, OOP, System Design (basic).

WORK EXPERIENCE

Ford Pro Charging (Electriphi)

Software Engineer Intern

Jun 2024 - Dec 2024

- Designed and deployed a **real-time EV charger locator dashboard** using **React.js, Node.js, and Google Maps API**, improving data throughput by **20%** and reducing client load time by **35%**.
- Led **end-to-end full-stack development** of a geolocation web app using **React, Flask, Tailwind CSS, and REST APIs**, integrating with Google Maps for high-accuracy location capture.
- Built **secure authentication & authorization APIs** with token-based access control to ensure data integrity and scalability.
- Collaborated with product managers and senior engineers in an **Agile environment**, contributing to sprint planning, bug fixing, and **code reviews**.

PaceWisdom Solutions

Web Development Intern

Aug 2023 - Sept 2023

- Developed and maintained **RESTful APIs with Django and SQL** for a scalable **Learning Management System** supporting multiple concurrent users.
- Implemented **backend security measures** including data validation and role-based authorization.
- Built **responsive dashboards and portals** using React.js, enabling smooth student/teacher/admin workflows.
- Assisted in documentation and **CI/CD testing workflows**, ensuring maintainable code delivery.

SELECTED PROJECTS

Electric Vehicle Charger Locator - (Independent POC @ Ford Pro Electriphi)

- Developed an **independent POC full-stack EV Charger Locator app** using **React + Flask**, demonstrating scalable architecture and secure API design.
- Implemented **modular backend APIs** for session management, data ingestion, and authentication.
- Collaborated with engineers on distributed system design to establish **event-driven SaaS infrastructure patterns**.
- **Stack:** ReactHooks, DjangoREST, GoogleMapsAPI, Token-based auth

Online Learning Management System ↗

- Developed responsive dashboards using **React + Django REST APIs** with SQLite.
- Implemented **authentication & progress tracking APIs**, ensuring data consistency and security.
- Applied **token-based authentication** and followed **RESTful best practices**.
- **Stack: SQLite, token auth, and followed RESTful design**

EDUCATION

SDM Institute of Technology, Ujire

Bachelor of Engineering in Computer Science - 8.32

Dec 2020 - May 2024

CERTIFICATE

Udemy - Ultimate AWS Certified Cloud Practitioner CLF-C02 ↗

Deloitte Australia - Data Analytics Job Simulation ↗

Introduction to Generative AI – Google Cloud Skills Boost ↗