

Shrutha V W

Detailed-oriented Software Engineer passionate about building scalable web products and translating user needs into impactful digital experiences. Experienced in React.js, Django, SQL, and REST APIs, with a strong grasp of product thinking, data-driven decision making, and Agile collaboration. Seeking a role where I can contribute both to technical development and product strategy to drive measurable business outcomes.

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 Bengaluru, India

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 Shruthavw

SKILLS

- Core (Engineering):** Python, JavaScript (ES6+), React.js, Node.js, Django REST, Flask, SQL, MongoDB, REST API Design, System Design (basic), Git, GitHub Actions
- AI/ML:** TensorFlow, PyTorch, scikit-learn, NLP, Data Preprocessing
- Product & Tools:** Jira, Figma, Notion, Postman, Agile/Scrum, PRD Writing, Product Metrics, Stakeholder Communication
- Cloud & DevOps:** AWS, Docker (Basic), CI/CD Pipelines, Postman
- Soft Skills:** Cross-Functional Collaboration, Analytical Thinking, Ownership, Problem Solving, Communication

WORK EXPERIENCE

Ford Pro Charging (Electriphi)

Software Engineer Intern

Jun 2024 - Dec 2024

- Delivered a **POC for an EV charger tracking dashboard**, approved by the product team and aligned with the roadmap vision.
- Partnered with **Product Managers** and engineers to define requirements, prioritize features, and track performance metrics.
- Authored **user stories and process documentation**, supporting scalable deployments and sprint efficiency.
- Built a **real-time dashboard** integrating Google Maps API, improving lookup time by **35%** and boosting adoption among test users.
- Used **Jira** for sprint planning, progress tracking, and backlog updates, contributing to smoother release cycles.

PaceWisdom Solutions

Web Development Intern

Aug 2023 - Sept 2023

- Developed **RESTful APIs** for a Learning Management System with secure validation and concurrent user support.
- Participated in **requirement discussions, backlog refinement**, and ensuring product delivery matched user needs.
- Collaborated with designers and backend engineers to enhance usability and progress tracking features, improving adoption rates.

SELECTED PROJECTS

AI Resume Analyzer

- Developed an **AI-based web app** that analyzes resumes and provides tailored improvement suggestions based on role keywords and structure.
- Built a modular **NLP pipeline** for text extraction, scoring, and improving accuracy and **response time by 25%**.
- Defined MVP features, designed UX flow and integrated analytics to track user engagement.

Parkinson's Disease Detection Using Machine Learning

- Developed a Convolutional Neural Network (CNN) model to detect Parkinson's disease using voice samples and spiral drawing data.
- Preprocessed datasets from Kaggle, trained and validated the model for early-stage symptom classification.

Recipe Generation from Food Image (AI)

- Designed and deployed a **deep learning system** that converts food images to recipes using **TensorFlow** and **OpenCV**.
- Implemented modular **Flask APIs** for image upload, inference, and recipe generation, improving model scalability.

EDUCATION

SDM Institute of Technology, Ujire

Bachelor of Engineering in Computer Science - 8.32

Dec 2020 - May 2024

CERTIFICATE

Introduction to Generative AI - Google Cloud Skills Boost 

Generative AI Mastermind - Outskill 

Ultimate AWS Certified Cloud Practitioner CLF-C02 