

Deepak Dalal

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WORK EXPERIENCE

Eagleview

Bengaluru, India

Software Engineer I

Feb 2022 - Present

- Developed GIS aerial Imagery related software web applications used in certified imagery workflow and analytics for US government customers.
- Created UI features and associated APIs for ortho-mosaics imagery review, tagging, and quality control applications with the gRPC framework in a microservices architecture, with unit tests achieving 95%+ code coverage.
- Resolved 300+ code smell issues to pass the Sonarqube quality gate bar for ensuring high-quality code deliverables and rolling out the projects to production.
- Drove UI system optimization by identifying areas with performance improvement potential & developing corrective action plans resulting in an 80% efficiency gain.
- Created and enforced ingredients and role-based entitlements throughout the applications to ensure proper access rights.

Sensen AI

Hyderabad, Telangana

Software Engineer I

Jul 2021 - Jan 2022

- Developed 20+ features for the applications used to manage traffic infringements data generated by the computer vision ML server.
- Resolved 30+ bugs and identified several performance bottlenecks in various components and modules, boosting the overall rendering and execution speed by 300%.

Cognizant Technology Solutions

Chennai, TamilNadu

Programmer Analyst Trainee (Intern)

Feb 2021 - Jun 2021

- Acquired expertise in various web technologies and tools like HTML, CSS, JavaScript, React, Java, Spring frameworks, Mysql, git, etc., and worked on several case studies as minor projects.
- Developed a major full-stack web application project to handle overpayments on insurance claims.

EDUCATION

Vellore Institute Of Technology

Chennai, Tamil Nadu

Bachelor of Technology in Mechanical Engineering

Graduation Date: Jul 2021

SKILLS

Programming Languages: Javascript, GoLang, C++, Core Java

Frameworks and Libraries: React, Redux saga, gRPC, React Testing Library, Nodejs with Express, MUI, Mapbox

Web Technologies and Tools: HTML, CSS, git, github, protobuf, REST

Databases: PostgreSQL, MySQL

PERSONAL PROJECTS

Complete e-commerce web application with all the necessary features for street shops to sell their stuff online to customers within the same city. ([City street shops](#)).

ACHIEVEMENTS

Secured 7th rank in the coding contest "Tech Talk Hackathon " organized by Prepbytes and Tech Talk. ([Certificate](#)) Publication in IOP Earth and Environmental Science Conference. ([Paper](#)) Solved 350+ algorithmic coding problems across various platforms ([Leetcode](#), [Geeksforgeeks](#), Prepbytes, etc.)