Deepak Dalal

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WORK EXPERIENCE

Eagleview   **Bengaluru, Karnataka**

Software Engineer I   *Feb 2022 - Present*

- Engineered workflow web applications for **GIS (geospatial aerial imagery systems)** and analytics.
- Developed complete UI applications in sub-team of just **2 people** and achieved unit test coverage exceeding **95%**.
- Implemented robust APIs for both **monolithic** and **microservices** architectures, leveraging the **gRPC** framework for efficient microservices communication.
- Drove **UI system optimization** by identifying areas with potential for performance improvement & developing corrective action plans, resulting in an **80% efficiency** gain.
- Resolved **300+ code smell issues** to pass the SonarQube quality gate bar, ensuring high-quality code deliverables and rolling out the projects to production.

Sensen AI   **Hyderabad, Telangana**

Software Engineer I   *Jul 2021 - Jan 2022*

- Enhanced the web application used for managing traffic infringements data (generated by the computer vision ML server) and the associated workflow by developing **20+ features** and resolving **30+ bugs,** leading to improved functionality and reduced errors.

Cognizant Technology Solutions   **Chennai, TamilNadu**

Intern (Programmer Analyst Trainee)   *Feb 2021 - Jun 2021*

- Developed proficiency across a range of web technologies like Javascript, React, Java, Spring framework, etc., and contributed to **a full stack web application** project to handle overpayments on insurance claims.

SKILLS

Programming Languages and Problem Solving: Javascript | C++ | Golang | Java | Data structures and algorithms
Frameworks and Libraries: React | Redux saga | React Testing Library | Nodejs with Express | gRPC
Web Technologies and Tools: HTML | CSS | Git | Github | REST APIs | Protobuf | Docker
Databases: PostgreSQL | MySQL | MongoDB

EDUCATION

Vellore Institute Of Technology   **Chennai, Tamil Nadu**

Bachelor of Technology in Mechanical Engineering   *Graduation Date: Jul 2021*

PERSONAL PROJECTS

City Street Shops (**Tech stack**: React, Redux, Nodejs, Express, MongoDB, Mongoose)   [Source code](#) **|** [Project link](#)

A full-featured e-commerce web application for people to buy stuff online from shops in the city.

Features*: JWT authentication | Image upload and cloud storage on AWS S3 bucket | online payments using Razorpay | Order notification and receipt through email | Delivery address selection using Google Maps API | Live chat interface for customer & admin | MongoDB Atlas cloud DB*

Chat App (**Tech stack**: React, Socket.io, Nodejs, Express, MongoDB, Mongoose)   [Source code](#) **|** [Project link](#)

A web-based chat application like Whatsapp-web.

Features: *Live chat using socket.io | Group and one-to-one chat options | Real time message notification | Real time typing indication | Image upload and cloud storage on Cloudinary | JWT authentication | | MongoDB Atlas cloud DB*

ACHIEVEMENTS

- Received the "**Above & Beyond Award"** for exceptional performance in the team projects. ([Award link](#))
- **7th rank** in the online competitive coding contest by Prepbytes. ([Certificate link](#))
- **Publication** in IOP Earth and Environmental Science Conference journal. ([Publication link](#))
- Solved **400+** algorithmic coding problems (***Coding Profiles*:** [Leetcode](#), [Geeksforgeeks](#))