

Chinmay Dali

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EDUCATION

Stevens Institute of Technology

Masters of Science in Computer Science

Hoboken, NJ

Aug. 2022 – May 2024

University Of Mumbai

Bachelor of Engineering in Computer Engineering

Mumbai, India

Aug. 2017 – May 2021

EXPERIENCE

Associate Software Engineer

ONETURE TECHNOLOGIES

Aug. 2021 – Feb. 2022

Mumbai, India

- Achieved **20%** improvement in performance in **ASP.NET** application by server side caching and build **REST APIs** with **99%+** up-time.
- Additionally optimized and developed stored-procedures in **MS SQL Server**.
- Applied reporting solutions for operational staff to support process requirements, which increased operational efficiency by **30%**.
- Build IMAP protocol based email reader to fetch the emails from the mailbox on a real-time basis using **Flask** and **MySQL**

Software Engineer Intern

NUZPAPR TECHNOLOGIES

May 2021 – Aug. 2021

Delhi, India

- Engineered **Microservices** web-app using **Nextjs**, **Nodejs** and **MongoDB** and a chat application with **AES-256bit** encryption and push notifications using **websockets**.
- Improved test coverage by setting up an end-to-end test framework **cypressIO** to reduce the risk of breaking production after the addition of new engineers on the project.
- Deployed the app on **AWS EC2** server and implemented CI/CD using **TravisCI**.

Software Engineer Intern

COGNIALE

Mar. 2021 – Apr. 2021

Delhi, India

- Build backend APIs in **Django** and **GraphQL** and frontend in ReactJS and Redux.
- Reduced error by **24%** by implementing TDD with **PyTest**.
- Spearheaded and constructed **docker** containers for reactjs and nodejs applications.

Software Engineer Intern

XLNC TECHNOLOGY

Jun. 2019 – Jul. 2019

Delhi, India

- Independently designed and developed Python automation scripts using **Selenium** to simplify data gathering, saving the organization **150+** dev hours per month.

PROJECTS

Dysfunctionally Functional | [G](#)

Sep. 2022 – Present

- Implemented a interpreter for my own language built using OCaml a functional programming language

Uber Clone | [G](#)

Dec. 2020 – Jan 2021

- A real-time, bi-directional communication to give users a great experience.
- Technologies: Django, Django-Channels, Redis, PostgreSQL, ReactJS, Websockets

DSTORAGE | [G](#)

Jun. 2019 – Aug. 2019

- A decentralized Ethereum blockchain application for notes-taking.
Built using MongoDB, ExpressJS, ReactJS, NodeJS, Web3.js and solidity.

Smart Spoon | [G](#)

Aug. 2018 – Dec. 2018

- An IOT device for parkinson's patient for counteracting the tremor using IMU(Accelerometer) sensor and Arduino, written in C++.

TECHNICAL SKILLS

Languages: JavaScript, Typescript, Python, C,C++, C#, SQL, Java, OCaml, Erlang

Frameworks: ASP.NET, .NET-core, Sping Boot, React, Redux, GraphQL, Node.js, ExpressJS, NextJS, Flask, Django, CypressIO, Py-Test, Travis-CI, Arduino

Database: MS SQL Server, MySQL, PostgreSQL, Redis, MongoDB