

EDUCATION

Bachelor of Technology, Computer Science, Hindustan College of Science and Technology, **Percentage: 79** Aug 2019 — June 2023
Intermediate, Science, Saraswati Vidya Mandir Sr. Sec. School, **Percentage: 82.8** Mar 2017 — Mar 2018
High School, Science, St. Marks's Public School, **Percentage: 91.6** Mar 2015 — Mar 2016

EXPERIENCE

Software Engineer June 2023 — Present
Digit Insurance [Visit](#) Pune

- Member of the Corporate Portal **Frontend UI** team. Working on the **Config-Driven UI**.
- Implemented **Lazy Loading** on the portal, reducing website rendering time by **80 percent**, improving site performance significantly.
- Resolved critical production bugs and implemented new feature requirements for the portal, significantly enhancing its functionality and stability.
- Designed pages based on **Figma** specifications and worked extensively with **RxJs Observables, Services, and Pipes** enhancing the portal's interactivity and data handling capabilities.
- Technologies used - **Angular, TypeScript, postgresSQL, Material-UI, Bootstrap, Git, BitBucket and Jira**.

Google Summer of Code @OSGeo May 2022 — September 2022
Open Source Contributor [Visit](#) Remote

- Implemented Cuthill-McKee Ordering Algorithm by **Boost Graph C++ Library** to **pgRouting** organization under OSGeo.
- This algorithm is used to reduce the **Bandwidth** of the graphs. Applicable for undirected graphs.
- Reducing the bandwidth of the graph enhances the efficiency of various sparse matrix computations and accelerates the solving of linear equations, leading to faster and more efficient processing.
- Technologies used - **C, C++, PostgreSQL, PostGIS, Sphinx, Doxygen and Cmake**.

PROJECTS

Digit Insurance - Live [Live](#) [Github](#) **Angular, Material-UI, PostgreSQL**

- Key role in developing the Angular-based UI and integrating it into a **Single Page Application (SPA)**.
- Designed and implemented new requirements like **Orphan Claims, Posp user** flow for the Corporate portal.
- Implemented **Lazy Loading** resulting in the efficient page loading and designed new components based on **Figma**.

Food Shop - Live | [Github](#) **Angular, TypeScript, Firebase**

- Created a Food Shop app where the user can get the recipes of different dishes.
- Implemented features like **Lazy Loading, RouteGuards, Pipes, Services, Authentication, Directives**, etc.
- Used **Firebase** for backend and authentication. Implemented Pre-Loading also.

Instagram Clone - Live | [Github](#) **React.js, MongoDB, Node.js, Express.js**

- Created an Instagram clone using **React, Express, Node.js and MongoDB** providing users with the exact look, feel of real Instagram.
- Password is encrypted using **bcrypt**, user is authenticated using **jsonwebtoken** through **Middleware**.
- Forgot password functionality is implemented and new password emails are sent using **nodemailer** and **sendgrid**, used **Cloudinary** for uploading profile and post's pics.
- Functionality of sign/signup, create post, like/unlike, comment, follow/unfollow, view other's profile, my following post, search other users and update profile pic.

SKILLS

Frameworks/Libraries	Angular js, React js, NgRx, Redux, Node js, Express js, Bootstrap, Tailwind CSS, Material-UI
Language	C++, JavaScript, TypeScript, Python, HTML/CSS
Database	MongoDB, PostgreSQL
Others	REST APIs, Data Structures and Algorithms, OOPs, Competitive Programming, Git/Github, Jira

ACHIEVEMENTS

LeetCode Solved 650+ DSA questions. Among the **Top 25%** of users among weekly and biweekly contests.

Open Source Mentored pgRouting in Google Summer of Code 2023.

Hackathon Ranked **3rd** in a Hackathon organised by college society.

Open Source Contributed in pgRouting, ns-3 and LibreOffice organizations. Completed Hacktoberfest 2020.

CodeChef Secured **3 Star** rating (Max - 1688)