

Amey Bhavsar

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EDUCATION

Shree LR Tiwari College of Engineering, University of Mumbai

Bachelor of Engineering, Computer Engineering, GPA - 9.09

Mumbai, India

Aug. 2019 – Present

Sathaye College, HSC

Science, Vocational course in Computer Science

Mumbai, India

Aug. 2017 – May 2019

EXPERIENCE

Web Developer

Entrepreneurship Cell, SLRTCE

Aug. 2020 – Present

Mumbai, India

- Developing a **server-less** lambda function to send emails from the application.
- Worked as a team to design the front-end using **Git** & **GitHub**.
- Developed a website using **JavaScript** and **SASS** to display events and information.

Design Engineer Intern

InTech Olympiad, COEP

May 2020 – July 2020

Remote

- Designed **back-end** and **user interface** to handle robots for COVID treatment hospitals.
- Researched **path finding** and **collision avoidance algorithms**.
- Communicated with mentor and team members to resolve issues.

PROJECTS

Blog website | *Python, Django, SQLite, Git*

Oct. 2019 – Nov. 2019

- Developed a **full-stack blog** application with **create**, **read** and **update** operations using **Django** for backend.
- Implemented authentication to create and update posts.
- Used **CSS** and Google Fonts to improve application design.

Convex Hull Simulation | *C++, Javascript, p5.js*

March 2020 – April 2020

- Developed a interactive simulation of the Gift Wrapping/Jarvis's March **Convex Hull Algorithm** using **p5.js** for graphics
- Implemented the algorithm in **C++** to test on various inputs and verify simulation results.

SKILLS & ACHEIVEMENTS

Competitive Programming: Solved **900+** algorithmic problems using **C++** primarily. Reached a peak rating of **1799**.

Open Source: Committed to **20+** repositories with **370+** contributions for Dec. 2019-2020.

Languages: C/C++, Python, JavaScript, HTML/CSS, PHP, MySQL, Java, Latex

Frameworks: React, Node.js, Django, Material-UI, Bootstrap

Tools and Environment: Ubuntu, Git, Bash, Visual Studio Code, Eclipse

Fluency: English, Hindi, Marathi