

Ankitkumar Santosh Singh

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EDUCATION

- **Pillai HOC College of Engineering and Technology** Navi Mumbai, India
Affl. Mumbai University; B.E. in Computer Science; SGPA: 8.1/10 (till 5th Sem) July 2018 - April 2022
- **Changu Kana Thakur Junior College** Navi Mumbai, India
Computer Science; MSBSE, Pune; 70.77% May 2016 - April 2018

PROGRAMMING SKILLS

- **Languages:** C, C++, JavaScript, SQL, HTML and CSS.
- **Technologies and Frameworks:** NodeJS, MongoDB, Express, EJS, Handlebars, Git, PWA.
- **Core CS fundamentals:** Data Structures, Algorithm, Operating System, Computer Networks, DBMS.

EXPERIENCE

- **SS Tech Solutions** Ahmedabad
Full Stack Developer - Intern Jan 2021 - Feb 2021
 - Created the admin side dashboard by feeding in data from back-end API, implemented OAuth for Google Login.
 - Updated responsiveness of website and streamlined existing code to improve site performance, automated mailing and newsletter feature, generated 34% more leads via email capture.
 - Leveraged offline fallback, push notification, dark mode and MVC Architecture for maintainability and expandability, reduced bounce rate by 20%.
 - Managed individual / team project priorities, deadlines and deliverables in an agile work environment.

PROJECTS

- **Discussion Forum** - Created an interactive web application which focuses on providing the most efficient way to solve your queries or solution using simple ways. Technologies used NodeJS, Express, EJS, MongoDB. Worked on CRUD API's for MongoDB and connected them to EJS Frontend. Authenticated using login and registration forms, worked with cookies and session for ease in login management and realtime file sharing feature.
- **Voting Portal** - Built a responsive and realtime voting web application, created using NodeJS, MongoDB, Express, EJS. Performed realtime vote counting using pusher-js package. Used Polling API and CRUD API's for counting votes and maintaining users. Analyzed and made the website light weight using gzip compression technique for fast processing.
- **Color Game** - Developed a responsive and interactive web application, created using HTML, CSS, JS. It's a color guessing game which requires familiarization of basic RGB format color notation by the user. Embedded PWA which utilizes local storage of browser which makes website available offline, can be installed as app on mobile phones.

CERTIFICATIONS

- **Web Development:** Learnt full stack web development and leveraged the knowledge gained by building projects.
- **Data Structures:** Learnt about Data Structures and it's practical implementations required in problem solving.
- **C programming:** Learnt C programming in depth and solved coding problems of different levels.
- **Introduction to AI:** Understood what is AI, its applications and use cases and how it is transforming our lives.

ACCOMPLISHMENTS

- **Winner** - Ranked 1st in coding contest in PHCET (1/50+), 2020.
- **Winner** - Received 3 badges for C, C++ and problem solving., Hackerrank, (2019-2020).
- **Open Source Contribution** - Received goodies as token of appreciation for contributing to various projects Hacktoberfest, (2019-2021).

TEACHING/LEADERSHIP EXPERIENCE

- Conducted Workshops on Web Development and Trends in Web Technology for 100+ college students (March 2021).
- Part of the core Google Developer Group and ACM Department Coding Club (2019-2020).
- Took initiative to volunteer and became the college lead for Google crowdsource and was able to influence more than 200 members by attending several GDG events, arranging several walks at different centres for spreading awareness (2019-2020).