Kushagra Mandaliya

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EDUCATION

Master of Computer Science Sep 2021 – Apr 2023
Lakehead University - GPA: 3.80/4.00 *Thunder Bay, ON*

Bachelor of Engineering in Computer Science Aug 2016 – Aug 2020
Gujarat Technological University - CGPA: 8.90/10 *Ahmedabad, India*

TECHNICAL EXPERIENCE

Founder | *HTML, CSS, JavaScript, Laravel, SQL, Pyment Gateways, Instamojo* Apr 2020 - Apr 2021
Spraywale.com *Ahmedabad, Gujarat*

- This project was initially strated in my bachelor's with the vision of developing B2C model for all kind of perfume products with lowest cost for all customer.
- During COVID-19 i developed website with help of WordPress and launched it with the GoDaddy domain and server in which i contacted with all small business which are open to grow with this B2C model and want to sell their product online.
- I have used all mentioned skills to develop website and also managed payment gateways and delivery process as well.

Web Developer | *HTML, CSS, JavaScript, NodeJs, ReactJs, Laravel, Github, SQL* Jan 2021 - Apr 2021
Glorywebs Creative *Ahmedabad, Gujarat*

- Contributed as full stack web developer to design high-quality web applications using HTML, CSS, JQuery, front-end JavaScript libraries like ReactJs, and Laravel as backend environment.
- Proficiently wrote reusable components .
- Worked in agile team to sprint planning and story implementation in Jira, code review, refactoring, troubleshooting bugs, optimizing code, and collaborated with team using GitHub and GitLab for software version control.

SKILLS

Programming Languages	JavaScript, TypeScript, JAVA, Python, C, C++, SQL
Web/Frameworks	ReactJS, NodeJS, ExpressJS, React Native, Redux, Mongoose, HTML/CSS, Material-UI, RESTful APIs, JUnit
Cloud Services	Amazon Web Services (AWS), Google Cloud Platform (GCP)
Databases	MySQL, MongoDB, DynamoDB, Firebase, Relational Database (RDS)
Concepts	Object Oriented Programming, Agile methodology - Scrum, SOLID Principles, Software Development Life Cycle, Test Driven Development (TDD), CI/CD
Misc	Git, Docker, Heroku, Jira, Postman, MS Office365 Suite

PROJECT

Weather-application | *Nodejs, JavaScript, HTML, npm, node-module, mapbox-api, weatherstack-api, GitHub, Heroku* | View Project May 2021 - Jul 2021

- Developed a web application using Nodejs, node-module, JavaScript, weather and mapbox API's.
- In this application user are able to find this project online and access from anywhere where they are able to see the temperature of place without any cost.
- For the working model of this application it use free API from mapbox and weatherstack in which weather of any place will found with the latitude and longitude coordinates of the place.
- Intailly, when user search the name of place it go through mapbox from which coordinates will be found and then proceeded to weatherstack for the actual weather of the place.
- To make this application live i used free plan of Heroku in which i uploaded my code and with the help of Github Desktop and connected it's repository with Heroku.

Hair Salon Website | *HTML, CSS, JavaScript, MySql, GitHub Desktop, Agile Cycle, Quality assurance* | View Project Jun 2021 - Aug 2021

- Created one page hair salon website which is user friendly and dynamic website in which any small store owner can use it for salon and to be globle with help of website.
- Implemented this project with just simple HTML and CSS concept to make website good and dynamic.
- Used fundamentals of JavaScript for developing user friendly view. Whole website is also tested with Agile cycle and made it perfect with QA development.

Image segmentation | *Python, GNN, PyTorch, NetworkX, Deep Graph Library, OpenCV* | View Project Sep 2022 – Apr 2023

- Created image segmentation project for final project in master's with my team members with the help of satellite image for segmentation on different classes.
- Used different Graph based method for segmentation and with plenty of models and developed with GAT(multi-head attentions).
- In the end we are able to get highest accuracy with this novel approach.