**Shivam Maniya** <https://shivammaniya.netlify.app/>

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# EDUCATION

**Software Engineering Technology (Adv. Diploma)** Jan 2022 - May 2023

Centennial college, Toronto, ON.

**Bachelor of Engineering, Computer Science** Aug 2016 - Aug 2020

Gujarat Technological University, India.

# WORK EXPERIENCE

**Freelancer, Toronto, Canada. Feb 2022 – Present**

* Developed 5+ web-applications in 3-person team using Framer motion, Next.js and React.js, resulting in highly performant and responsive user interfaces, leveraged REST APIs to seamlessly integrate data from multiple source.
* Took existing HTML and transformed it into custom 20+ WordPress templates, researched on news sources for suitable content, reviewed Salesforce reports for duplications.

## Software Engineer, Exomoon Infotech, India Sept 2019 – Dec 2021

* Following agile and TDD conducted SCRUM meetings, and developed 5 web application using **React,** Redux, **Node.js**, **HTML5**,
* Handled backend with AWS (lambda, API Gateway, VPC) services, docker, databases with SQL, and Amazon RDS. Integrated **GraphQL** for fast and flexible data retrieval, leading to a reduction in response time by 50 ms.
* Proposed Stripe payment with complete testing after removing **PayPal** gateway from entire project in 2 days that benefited client by reducing payment charge to almost 60% in paying to the end user and in refunds.
* Created Neural Network with Keras, TensorFlow that detects disease from symptoms, analysed data, and predicted medicines, which reduced diagnosis time by 40%.
* Read and comprehensively analyses medical reports using AWS Medical Comprehend, and present the findings through data-rich visualizations with Tableau, including number matrices and time-based representations.

**Software Developer Intern, Tvadartham Technology Pvt Ltd, India** **March 2020 –Aug 2020**

* Collaborated and communicated in code review stage with **QA engineers**, designers, and product managers for a number of projects throughout the phases of web development to ensure high-quality deliveries .
* Utilized **Node.js** to develop scalable back-end services, resulting in a 20% reduction in response time.
* Simulated and deployed a web application on **Microsoft Azure** for stock market trading, resulting in a significant increase in engagement among beginner investors and fostering a deeper understanding of the stock market's dynamics.

**Student Mentor, SSASIT Engineering College Feb 2018 – Sep 2019**

* Mentored and course work, Supervision of Exams and Grading of papers for 7 classes in CSE department.
* Assisted professors during lectures and coordinated class schedules to keep 1000+ students up to date with schedule

# PROJECTS

## Health Predictor

* A web application that analyses health symptoms of user and predicts 97% accurate disease using TensorFlow, ReactJS, GraphQL, NodeJS, and MongoDB. Health data can be generated and monitored up to 1 million users from the admin side.

## Alaina Car webapp

* A ride-hailing web application that allows users to request rides, track their ride history, and manage payment methods.
* The application provides a user-friendly interface for drivers to receive ride requests, navigate to pickup and dropoff locations, and receive payment for completed trips.

# TECHNICAL SKILLS

**Programming Language:** Python, JavaScript, C, C++, c#, Java**,** HTML, CSS.

**Web Technologies:** ReactJS, Angular, Vue, Node.js, Material UI, Tailwind CSS, Github, Next.js, Express.js, ES6, REST, GraphQL, Apache Maven , Typescript, docker

**Machine Learning Libraries:** TensorFlow, Pandas, OpenCV, Keras, Scikit-learn, CUDA

**Database / other:** Algorithms, JIRA, Git, SVN, Firebase, MySQL, DynamoDB, MongoDB, AWS services, Azure, Hadoop, Tableau**,** Visual Studio.

# AWARDS & ACHIEVEMENTS

* problem solving : 179 problems submitted with solution on [hacker earth](https://www.hackerearth.com/@shivammaniya7469) and 80 problems with solutionsubmitted on [hacker rank](https://www.hackerrank.com/submissions/all/page/3) , also solving [leetcode](https://leetcode.com/) problems.
* Represented college in a state-level **Hackathon** program as a team leader and presented unique solution for streetlight fault detection system – 2019 securing 3rd position.