

# Shivam Maniya

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## EDUCATION

<b>Software Engineering Technology (Adv. Diploma)</b> Centennial college, Toronto, ON. Cumulative GPA: 3.34/4.5	Jan 2022 - May 2023
<b>Bachelor of Engineering, Computer Engineering</b> Gujarat Technological University, India.	Aug 2016 - Aug 2020

## WORK EXPERIENCE

<b>Freelancer, Toronto, Canada.</b>	<b>Feb 2022 – Present</b>
<ul style="list-style-type: none"><li>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.</li><li>Analyzed data from 25000 monthly active users and used outputs to guide marketing and product strategies; increased average app engagement time by 2x, 30% decrease in drop off rate, and 3x shares on social media.</li></ul>	

<b>Exomoon Infotech, India</b>	<b>Sept 2020 - Jul 2021</b>
<b>Senior Software Developer, 2020-2021</b>	
<b>Full-Stack Developer, 2019-2020</b>	
<ul style="list-style-type: none"><li>Following agile and Test-driven development methodolog, developed web application using <b>ReactJS</b>, Redux, <b>Node.js</b>, <b>HTML5</b>,</li><li>Handled backend with AWS (lambda, API Gateway, VPC) services, Databases with SQL, DynamoDB, and Amazon RDS. Integrated <b>GraphQL</b> for fast and flexible data retrieval.</li><li>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.</li><li>Created Neural Network with Keras, TensorFlow that detects disease from symptoms, analysed data and predicted medicines.</li><li>Implementing RNN intensified accuracy up to 85% in disease divination and eventually better discerning in curing it.</li><li>Read medical report using AWS Medical comprehend, Visualisation with Tableau.</li></ul>	

<b>Jr. Software Developer, Tvadartham Technology Pvt Ltd, India</b>	<b>Jan 2020 - Sept 2020</b>
<ul style="list-style-type: none"><li>Collaborated with QA engineers, designer, and product manager to ensure quality in all phases of Web development</li><li>Utilized Node.js to develop scalable back-end services, resulting in a 20% reduction in response time.</li><li>Simulated and deployed a web application on Microsoft Azure for stock market trading helpful for beginners.</li></ul>	

<b>Student Mentor, SSASIT Engineering College</b>	<b>Feb 2017 – Sep 2018</b>
<ul style="list-style-type: none"><li>Mentored and course work, Supervision of Exams and Grading of papers for 7 classes in CSE department.</li><li>Assisted professors during lectures and coordinated class schedules to keep 1000+ students up to date with schedule</li><li>Constructed exam papers, posters, and relevant materials for 15 different faculties/staff members.</li></ul>	

## PROJECTS

<b>Health Predictor</b>
<ul style="list-style-type: none"><li>A web application that analyzes health symptoms of user and predicts diseases using TensorFlow, ReactJS, GraphQL, NodeJS, and MongoDB. Moreover, health data can be generated and monitored from the admin side.</li></ul>
<b>Siremar System - Python, Python Flask, React.js, Bootstrap, WordPress, Socket.io, MySQL, UTA Housing Dataset</b>
<ul style="list-style-type: none"><li>Designed and deployed a platform that enables government authorities to monitor and manage information related to population and property data, including schools, businesses, counties, and events.</li><li>Integrated a <b>chat</b> functionality using the <b>socket.io</b> library to enable seamless communication between users.</li></ul>

## TECHNICAL SKILLS

<b>Programming Language:</b> Python, JavaScript, C, C++, Java, HTML, CSS.
<b>Web Technologies:</b> ReactJS, Node.js, Next.js, Express.js, JavaScript ES6, REST, GraphQL, Apache Maven
<b>Machine Learning Libraries:</b> TensorFlow, Pandas, OpenCV, Keras, Scikit-learn, CUDA
<b>Database / other:</b> Algorithms, JIRA, Git, SVN, Firebase, MySQL, DynamoDB, MongoDB, AWS services, Azure, Hadoop, Tableau

## AWARDS & ACHIEVEMENTS

<ul style="list-style-type: none"><li>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.</li><li>Participated in (SGZCP) South Gujarat Zone level competitive programming competition and secured 4th rank.</li><li>Led kabaddi team and achieved Gold medal in national level tournament.</li></ul>
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