Deep Patel

✉ deepkumarpatel3@cmail.carleton.ca   📞 +1 343-987-1009   in Linked In   📍 Ottawa, Canada   ⬡ Github

Education

Master of Engineering - Electrical and Computer,   January 2023 – April 2024
Carleton University, Ottawa, Canada
<u>Core Subjects:</u> **"** Applied Programming, Internet of Things,Data Science Seminar, Cryptographic Implementations"

Bachelor of Engineering - Information Technology, *Government*   July 2018 – June 2022
Engineering College, Gujarat Technological University, India, GPA 3.84 / 4
<u>Core Subjects:</u> "Analysis & Design of Algorithms, Web Development, Software engineering, Object Oriented Programming"

Technical Skills

Programming Languages (Python, Angular, C, React JS, HTML5, CSS3, JS, PHP, Node JS, Bootstrap, MongoDB, C++)

Tools and Technologies (Redux, Material-UI, REST API, GraphQL, SQL, Git, MongoDB Compass, UI/UX, Linux, jQuery)

Core Skills (Responsive Design, Software Development, Data Structures, Analysis & Design of Algorithms, Operating Systems, RDBMS, Problem-Solving, Web Development, Machine Learning, Deep Learning, Data Mining)

Professional Experience

Software Developer Intern, *Bhaskaracharya National Institute for Space*   January 2022 – May 2022
Applications and Geo-informatics - India
- Participated in the full software development lifecycle of the Digital Health Card project, focusing on design, development, testing, and documentation using MERN stack technologies.
- Acquired practical experience in MongoDB, Express.js, React.js, and Node.js, contributing to the project's development.

Software engineer Intern, *InfoLabz IT Services - India*   May 2021 – July 2021
- Demonstrated proficiency in Python, encompassing a solid grasp of web scraping, algorithms and data mining concepts.
- Utilized industry-standard API protocols like HTTP, REST, and GraphQL to efficiently manage requests and retrieve data.

Projects

EduCareer Portfolio, *ReactJS, UI/UX, Bootstrap*   April 2023 – August 2023
- involved in developing a personalized website showcasing the user's professional experiences, significant projects, and educational background leveraging advanced UI/UX principles and React, among other tools

Digital Health Card, *Reactjs, Nodejs, Expressjs, UI/UX, MongoDB*   January 2022 – April 2022
- Led the development of a paperless medical system website using cutting-edge MERN stack technologies, facilitating seamless interactions between patients and doctors. This initiative secured funding through the Student Startup Innovation Program sponsored by the Government of Gujarat.

Credit card fraud detection, *Python, Seaborn, Pandas, PowerBI*   January 2022 – April 2022
- Implemented diverse algorithms, including decision trees, linear & logistic regression, and K-means clustering, to optimize accuracy. Achieved peak accuracy using the XGBoost showcasing a strong commitment to precision-driven solutions.

Publications

Insights of the Olympics: Athens to Rio, *International Journal for*   August 2021
Research in Applied Science & Engineering Technology ⧉
Focused on sports analysis, this paper presents a comprehensive data-driven analysis spanning the entire history of the Olympics, from its inception to 2016, highlighting various sports events and their evolution.

Professional Blogging, *Medium.com*   May 2021
- Simple React Quiz Application ⧉
- Multi-Step Form Using React and Material-UI ⧉
- Implementing a Custom Search Bar with React ⧉

Certificates

Hacking & Cyber Security Workshop   **CDAC- GIST**
Google hacking database, Cybercrime Investigation Tools   Diploma in Multilingual Computer Programming
and process, Ethical hacking Hands-on   Grade: A

Co-curricular and leadership activities

Winner of Data Day 9.0 Carleton   **Winner of Auction Mansion**   **Organizer of IT QUIZ Event**
Strengthening Victim Services 2023   *Quench 2020*   *Techfest GEC, Gandhinagar*

Others

Langauage   **Interests**
English - Professional Proficiency, Hindi and Gujarati -   *Financial Markets, Console gaming, Coding, Cricket,*
Native / Bilingual Proficiency   *Volunteering, Socio-Tech Law*