# Vedant Gupta

Calgary, Alberta | +1 403-708-5835 | [vedant.gupta1@ucalgary.ca](mailto:vedant.gupta1@ucalgary.ca) | [LinkedIn](#) | [Github](#) | [Portfolio](#)

## PROFESSIONAL SUMMARY

- Enthusiastic professional software developer with 3+ years of experience in TATA COMMUNICATIONS LIMITED, a multinational company in India.
- Extensive Knowledge of JavaScript with its frameworks (Angular, React).
- Analytical and problem-solving abilities developed by working in a fast-paced environment.
- True team player with strengths in adaptability and accuracy.

## TECHNICAL SKILLS

- **Programming Languages**: JavaScript, Python, Typescript
- **Front-End Technologies**:  ReactJS, Angular, HTML, CSS,
- **Back-End Technologie**s: NodeJS, Express.js, REST API
- **SDE Applications**: GIT, GitHub, VS Code, JIRA, Docker, Microsoft Word, PowerPoint, Excel, SonarQube, JSON, XML
- **Databases**: MongoDB, InfluxDB
- **Tools and OS**: Jira, Git, GitHub, Postman, Linux, Docker, Grafana

## EDUCATION

**M.Eng. Computer Engineering**                                                                                   **Sept. 2022–March 2024**
*University Of Calgary, Calgary, Canada*

**B.Tech. Electronics and Communication**                                                                         **July 2014–May 2018**
*Vellore Institute of Technology, Vellore, India*

## PROFESSIONAL EXPERIENCE

**Tata Communications Limited**                                                                                   **Chennai, India**
*Senior Systems Engineer*                                                                                         **June 2018–July 2022**

- Wrote python scripts to identify Tata Communication's IZO WAN partners and, record traffic and health status.
- Involved in developing a visually appealing monitoring app and integrated it with the company's network which resulted in increased productivity by 10%
- Constructed data visualization using JavaScript charting library D3.js. Integrated with the back-end code using Node, and JSON to get and post the data to backend servers
- Collaborated with the operations team to implement new features in the app, improving its functionality.
- Reduced network time for identification and fixing of issues by 50% through automation of several tasks, resulting in improved overall performance.
- Created KPI dashboards (GRAFANA) with multiple charts/graphs to monitor key parameters and provided filter options to make interaction easy, saving the team 20 hours per week.
- Successfully dockerized multiple Tata Communications' dashboards, demonstrating the ability to scale and dynamically create containers on the cloud platforms.
- Managed the development of a secure frontend portal by implementing features like user authentication and authorization using JWT.
- Delivered an efficient web application by creating reusable components and adding features such as file uploads and downloads.
- Supervised a team of 3 for improving the code coverage of test cases for the existing production code by 30%.
- Conducted training sessions for new joiners on the company's software development process and tools.

## ACADEMIC EXPERIENCE

**University of Calgary, Calgary, Alberta**                                                                        **October 2022-Present**
**Online Social Insurance Number (SIN) generation system**

- Developing a web application that allows immigrants and citizens of Canada to generate their SOCIAL INSURANCE NUMBER (SIN) online, reducing wait times by 3 hours on average.

## PROJECTS

**Movie Search Engine**                                                                                           **Oct. 2022-Sep. 2022**

- Developed a simple web app enabling users to search and display information about their favorite movies using OMDb API.
- Technologies used: HTML, CSS, ReactJS, GIT

**Yelp Camp**                                                                                                     **June 2020–August 2020**

- Created a full-stack application enabling camping enthusiasts to share camping locations and pictures across the globe.

- Added pin locations on Google maps for the campgrounds using **Google Maps API**.
- Enabled users to perform CRUD (Create, Read, Update, Delete) operations on campgrounds and comments.
- Technologies used: Node.js, Express.js, MongoDB, Bootstrap, Google Maps API

## ACHIEVEMENTS

**Xtra Mile Award – Responsive**                                                                                  **August 2020**
*Responsiveness and Agility – TATA COMMUNICATIONS LTD*