

# SOURAV PANDYA

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## Education

**Wilfrid Laurier University**  
Bachelor Of Science | Computer Science

Waterloo, ON  
Sep 2018 - August 2022

**Relevant Coursework:** Data Structures, Operating Systems, Software Engineering, OOP, Databases, Algorithms, Quantum Computing

## Languages and Technologies

Languages: Java, JavaScript, Python, HTML/CSS, SQL  
Technologies: Node.js, Express.js, D3.js, Bootstrap, React, MongoDB, GraphQL, Mongoose, Redux, Git, Postman, Visual Studio Code, Django, jQuery, MySQL, Next.js

## Projects

### GoalMe

*MongoDB, Express.js, React, Node.js*

- Developed a web app that allows user to create and keep track of their goals
- Implemented RESTful APIs that allows CRUD operations for goals and secured it using JWT
- Utilized Redux and Redux Toolkit along with React to develop a dynamic front-end
- Created back-end using Express.js to integrate class-based models, views, and forms
- Used MongoDB to create an efficient non-relational database that stores user information.

### ProjectManagement

*React, Express.js, MongoDB, GraphQL, Node.js*

- Developed a simple web application that keeps track of projects and clients associated with each project
- Implemented backend using Express.js, GraphQL, and GraphQL client to create schemas and queries
- Utilized React and Bootstrap for a dynamic and visually pleasing frontend and Apollo client to communicate with GraphQL API from backend
- Utilized MongoDB to setup a non-relational database that keeps track of projects and clients

### TravelAid

*React, HTML/CSS, JavaScript*

- Developed a web/mobile application that displays all restaurants, hotels, and places of interest depending on the user's location
- Integrated Google Maps API to display a dynamic and interactive map
- Utilized React and Material UI library to create a dynamic and visually pleasing

### Sowie.

*React, Express.js, MongoDB, Node.js, Javascript, HTML/CSS*

- Developed an e-commerce web application with admin UI using MERN stack that allows user to shop through a collection of shoes.
- Utilized Styled-components library to manage styles in a component-specific manner
- Developed the backend using Express.js, JWT, and bcrypt for authentication and persistence
- Integrated Stripe API to manage payments
- Incorporated Redux and Redux Toolkit for state management
- Utilized MongoDB to create a database that stores user, products, orders, and cart information

## Experience

**PepsiCo – Order Picker**

Waterloo, ON  
May 2021 – Aug 2021

- Used established company practices to complete jobs quickly and accurately without any errors
- Constructed orders by picking the required products requested by consumers
- Picked over 2000 products per day, far exceeding projected milestones
- Inspected products for damage and to determine if they conform to company standards