

# RAHUL MULCHANDANI

London, UK | 07879681742 | mulcharv@gmail.com | Portfolio Site

## PROFILE

I am a fullstack software engineer who has proven experience writing responsive front-end components via React and Typescript, as well as performant REST APIs with Node, Express, MongoDB, and PSQL. With management experience across multiple technical disciplines, I am able to work seamlessly with various teams to achieve collective business goals as a developer.

## TECHNICAL SKILLS

- Frontend: Javascript, React.js, Typescript, MUI, Formik, Yup, HTML5, CSS, React Query, React Router, Shadcn, Auth0
- Backend: Node.js, Express.js, MongoDB, PostgreSQL, Jest, SuperTest, PassportJS
- Tools: Git, Github, NPM, Vite

## PROJECTS

### SeatSwap - [Link](#) [FE Github](#) | [BE Github](#)

- Developing a peer-to-peer platform enabling travellers on budget flights to swap seats, eliminating seat selection fees.
- Creating a robust back-end API using Node.js and Express, leveraging Jest and Supertest for comprehensive testing.
- Implementing a front-end using TypeScript with React and React Query, and authorization via Auth0.

### Trading App- [Link](#) | [FE Github](#) | [BE Github](#)

- Created a full-stack mock retail trading application for users to buy and sell stocks for gains and losses
- Built a RESTful ExpressJS API that calls on the Marketstack API to deliver current stock data to a React front-end
- Integrated current stock price to calculate unrealised gains and losses and update portfolio value

### Blog App - [Link](#) | [FE Github](#) | [BE Github](#)

- Designed a full-stack blogging application for users to blog and comment on the London music scene
- Developed a RESTful ExpressJS API, with a React front-end where visitors can post and login (via PassportJS)

### Shopping Cart - [Link](#) | [Github](#)

- Built a React front-end mock merchandise store application for the NBA franchise Toronto Raptors
- Delivered the information of user cart items between components through prop drilling state

## WORK EXPERIENCE

<b>Frontend Developer</b>	<b>CargoLogix</b>	<b>2024 - Present</b>
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- Building reusable React components styled with MUI, managing state via Redux, and creating Formik forms
- Collaborating in an Agile environment, I solve complex problems, contribute to feature planning, and review code
- Working on a platform that combines cargo bidding, load management, and financial tracking into one place

<b>Account Manager</b>	<b>IDM Professional Corporation CPA</b>	<b>2019 - Present</b>
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- Managed a team of 4 employees to develop corporate and personal tax returns correctly
- Implemented software solutions to streamline bookkeeping, trained team members on solutions
- Troubleshoot bugs in tax applications and collaborated with developers of software companies to resolve them

<b>Production Manager</b>	<b>Salflex Polymers</b>	<b>2017 - 2019</b>
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- Managed the production cycle of automotive plastics from raw material input to finished product
- Implemented a continuous improvement of varying raw material inputs to achieve a continuous product deployment

<b>3D Laser Scanning Technician</b>	<b>TSC Inc.</b>	<b>2016 - 2017</b>
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- Conducted laser scans of buildings and used collected data to design fascia panels
- Used Grasshopper software to build generative algorithms for 3D panel geometry, increased workflow efficiency

## EDUCATION

<b>Hamilton, ON</b>	<b>McMaster University</b>	<b>2011 - 2016</b>
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- Bachelor of Engineering in Mechanical Engineering.