

Gurpreet Singh

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in SinghALGO ↻ SinghALGO ↗ SinghALGO

PROFILE

Transitioning from 6+ years in engineering management across oil and automotive sectors to software development. Bringing project management, problem-solving, strong quantitative and client engagement skills. Eager to leverage expertise in full-stack web development and deliver impactful digital solutions that drive business growth.

SKILLS AND CERTIFICATIONS

Lighthouse Labs Bootcamp - 2024

Full Stack Web Development

Languages

JavaScript, Ruby, HTML, CSS, Python, Java

FRAMEWORKS, LIBRARIES AND ENVIRONMENTS

NodeJS, ReactJS, Redux, Ajax, Express, EJS, jQuery, Bootstrap, ActiveRecord, Rails, SASS, Axios, Tailwind

TESTING

Storybook, Cypress, RSpec, Jest, Mocha, Chai

SYSTEMS, CMS AND DATABASES

SQL, Postgres, Git

EDUCATION

Master of Business Administration

(Finance), Mahatma Gandhi University

2018 | India

Bachelor of Technology (Control and

Instrumentation Engineering),

National Institute of Technology

2014 | India

PROFESSIONAL EXPERIENCE

Frontend Development, Coding Ninjas- Internship

2023 – 2024 | Remote, Canada

- Optimized frontend using React-window, debouncing, throttling optimization techniques.
- Created complete front-end for a collaborative code editor IDE from scratch using React.
- Explored AWS services such as S3 and DynamoDB, significantly improving backend performance and optimizing database queries.

Self-employed, Emerald Events and Decor

2023 – present | Surrey, Canada

- Developed a user-friendly website showcasing decor portfolio.
- Used digital marketing strategies to promote services and expand online reach.

Manager (Engineering), Indian Oil Corporation Ltd.

2018 – 2023 | India

- Supervised terminal automation projects across five oil depots, ensuring 100% on-time completion within budget constraints.
- Managed end-to-end responsibilities for electrical, mechanical, and civil works, demonstrating versatility in handling diverse project lifecycles.
- Demonstrated problem-solving skills by negotiating with vendors, resulting in a 25% reduction in project expenses, totaling approximately \$750,000 in savings.

Technical Sales Engineer - Instrumentation Solutions, Tata Motors Ltd.

2014 – 2016 | India

- Adapted sales techniques to specific clients and provided products based on individualized client needs hence retaining clients by 70% and exceeded sales targets.
- Cultivated partnerships with engineering consultants and contractors, expanding client base by 30% over two years.
- Collaborated closely with engineering teams to recommend product enhancements, contributing to a 15% boost in customer satisfaction and product performance.

PROJECTS

Movieflix-GPT ✍

- Movie information platform with OpenAI API integration. Github link ✍
- Tech stack: JS, React, Redux, Tailwind CSS, Firebase Authentication, OpenAI API, TMDB API.

RecipeHub ✍

- Recipe management single page application which allows users to view, create, edit, delete and favorite recipes.
- Tech stack: React, JSX, JS, NodeJS, Express, Postgres.

PhotoLabs ✍

- Photo rendering single page application built using React which let users see photos for specific topics and like it.
- Tech stack: React, JS, JSX, NodeJS, Express, Postgres.

Tweeter ✍

- Full-stack project, a mock twitter project which allows users to add and view their tweets.
- Tech stack: HTML, CSS, JS, jQuery, AJAX, NodeJS, Express.

AirSale(Collaborative) ✍

- Full-stack project, mock-up of Craigslist, allows users to sell, buy, favorite and message users.
- Tech stack: HTML, CSS, NodeJS, Express, Postgres.

ADDITIONAL INFORMATION

Community Involvement:

Pro-bono consultant to an NGO, Chetna Rehabilitation & Research Centre:

Developed a handicrafts business model for Rural women in Himachal Pradesh in India 2020-2023.

Volunteer English teacher at an NGO, Make a Difference:

Taught English to 30 underprivileged students; awarded Teacher of the month prize twice. 2021-2022

Vice-President, Interact (Rotary) Club:

Led fund-raising initiatives for HIV & Cancer treatment; highest in 5 years 2018-2020