

Gurmukh Singh

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Summary

Passionate software engineer with a strong background in professional development, specializing in AWS cloud services. Proficient in a variety of programming languages and frameworks, including HTML5, CSS, Python, JavaScript, NextJS, Ruby on Rails, and React. I am experienced in leveraging AWS services such as EC2, S3, Lambda, and RDS to build scalable and resilient applications.

Currently engaged as a dedicated software engineer, I am actively seeking opportunities to join a dynamic team where I can further enhance my technical skills and contribute to impactful projects. I bring proven expertise in implementing CI/CD pipelines using tools like Git Actions, ensuring efficient and streamlined deployment processes for software projects.

Experience

Founder

Code Transmute

Dec 2023 - Present

- Collaborate with diverse skill sets and expertise to refine and enhance Code Transmute's features.
- Develop and implement advanced algorithms to ensure accurate code translation across various languages.
- Participate in self-directed code reviews, providing constructive feedback for continual improvement.
- Stay updated on emerging technologies to optimize Code Transmute's capabilities independently.
- Advocate for and implement best practices in software engineering for efficient and maintainable code.



Junior Software Engineer

Job Search Ninja

Feb 2023 - Present

- I'm currently engaged in an exciting project involving developing a Chrome extension using React.js.
- This extension serves as a powerful tool for job seekers, enhancing their overall job application experience using AI.
- Developing a Software-as-a-Service (SaaS) platform that simplifies the process of job application for users.
- The platform is designed to help users find the most suitable job opportunities. As part of my responsibilities, I am utilizing AI technology to match resumes with job descriptions, provide suggestions for improvements, and evaluate the chances of getting hired with that resume.

Web Developer

Freelance

Jan 2022 - Present

Full-stack web developer with experience in AWS, NextJS, Ruby on Rails, Python, React, REST API, JavaScript, CSS, and HTML.

- Developing responsive and user-friendly web applications using the aforementioned technologies.
- Collaborating with clients and stakeholders to understand their requirements and provide technical guidance.

- Creating and maintaining databases and APIs to ensure smooth data flow between the front-end and back-end of the application.
- Implementing testing strategies and performing quality assurance to ensure that the application functions properly and meets client expectations.

Machinist

CLAYMARK LIMITED

Jan 2017 - Oct 2021 (4 years 10 months)

- Ensuring that critical systems remain available and operational at all times.
- Monitoring pipeline workflow performance to identify opportunities for process improvement and prevent production delays.
- Diagnosing and resolving issues with complex machinery and manufacturing systems.
- Implementing predictive and preventive maintenance practices to enhance plant efficiency and ensure the safety of operational staff.

Machinist

Shed Blinds

Sep 2015 - Jan 2017 (1 year 5 months)

- Guaranteeing the continuous availability and functionality of essential systems.
- Tracking pipeline workflow performance to pinpoint areas for process improvement and prevent production interruptions.
- Troubleshooting and resolving problems with intricate machinery and manufacturing systems.
- Incorporating predictive and preventive maintenance measures to optimize plant efficiency and safeguard the well-being of operational personnel.

Assistant Manager

Sleep City

Nov 2013 - Nov 2015 (2 years 1 month)

- Effective sales professionals possess a multifaceted skill set essential for success.
- They excel in customer service, meeting sales goals, and closing deals through adept negotiation.
- Territory management and prospecting skills enable them to identify and cultivate lucrative opportunities. With a deep understanding of products and unwavering self-confidence, they deliver compelling presentations that foster client relationships.
- Motivated by exceeding targets, they continuously refine their strategies to drive sales and achieve remarkable results.

Education



Le Wagon 2022 - 2023

Computer Software Engineering



Waiariki Institute of Technology Oct 2012 - Aug 2015

Applied technology, Manufacturing Engineering

Certifications



AWS Certified Developer Associate - [Amazon Web Services](#) (AWS)

Issued Mar 2024 - Expires Mar 2027



JavaScript Algorithms and Data Structures - [FreeCodeCamp](#)

Skills

Amazon Web Services (AWS) • Next.js • React.js • JavaScript • Bootstrap • CSS • HTML • TypeScript • OpenAI • Frontend Development • Tailwind • Redux.js • Ruby on Rails • Python • Backend Development • Agile Methodologies • PostgreSQL • MySQL • DevOps • Docker • GraphQL • Code Review • TDD • Serverless Architecture • CI/CD • RESTful APIs • Cloud Computing • Full Stack Development • Ruby • Figma • Kanban • MongoDB • Firebase • S3 • Lambda • DynamoDB • RDS • EC2 • ECS • Elastic Beanstalk • Artificial Intelligence (AI)

Projects

[Code Transmute](#)

- Developed and maintained Code Transmute's features through cross-functional collaboration.
- Championed best practices in software engineering, staying updated on emerging technologies for enhanced capabilities.
- Technology Utilized: Flask, Artificial Intelligence, Python, React.js, JavaScript, Project Planning • REST API, Agile Methodologies, Amazon Web Services (AWS)

[Job Search Ninja](#)

- Reshaping job hunting with a cutting-edge SaaS platform powered by AI.
- User-friendly dashboard replacing outdated email-based workflows.
- Smart services for automatic job applications.
- Technology Utilized: ReactJS, NextJS, CSS, OpenAI, WebSocket, Firebase, Tailwind, TypeScript, Python and JavaScript.

[JD Bains](#)

- Streamlining communication processes for client support.
- Creating a seamless communication channel for inquiries, feedback, and support.
- Technology Utilized: ReactJS, Flask, Python, Bootstrap, SCSS, HTML, JavaScript, and PostgreSQL.

[Roots](#)

- Providing information and guidance about planting and harvesting.
- User-friendly app for tracking plantations and viewing history.
- Technology Utilized: Ruby on Rails, ThreeJS, SCSS, HTML, Bootstrap, JavaScript, and PostgreSQL database.

[Gurmukh's Portfolio](#)

- Developed and designed a comprehensive portfolio showcasing personal and professional projects.
- The portfolio serves as an interactive platform to highlight my skills, expertise, and accomplishments in the field of software engineering.
- Technology Utilized: ReactJS, NextJS, TypeScript, AWS, CSS, and Tailwind.