

TRUSHIT PATEL

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EDUCATION

Masters of Aplied Computing , Wilfrid Laurier University	2023 - 2025
Bachelor of Computer Science and Engineering , Indus University (9.48 CGPA — 89.80%)	2019 - 2023

SKILLS

Languages	Java, Python, TypeScript, and C/C++.
Frameworks	Spring-Boot, Spring-Security, Hibernate, Python-Django, and Android Studios.
Parallel programming	MPI, OpenMP, and CUDA.
Web	HTML5, CSS3, jQuery, and Angular.
DBMS	MySQL, PostgreSQL, SQLite, MongoDB, and FireBase.

EXPERIENCE

AI Trainer/Consultant - Programming Analyst	Remote Freelance
Scale AI	Jan 2024 - Jun 2024
DataAnnotation Tech	Jun 2024 - Present

- Worked with Scale AI and DataAnnotation Tech, leaders in high-quality data annotation for AI model training, to enhance the accuracy and reliability of AI systems.
- Ensured over 90% accuracy on each project that involved verifying the correctness of programming-related model responses by running and evaluating all code to determine which response was more accurate and effective.
- Assessed and corrected AI model responses related to programming, provided feedback to the task attempters and adjusted their model selection and justifications as needed.
- Generated model responses by providing complex prompts, selecting the best one, and highlighting deviations for improvement.

Software Development Engineer	Jan 2023 - Jun 2023
Teksun Inc	<i>Ahmedabad, India</i>

- Utilized Spring Boot to develop e-commerce applications, harnessing its capabilities for efficient and scalable application development. Tested the performance of the site with more than 10,000 mock products.
- Employed the MEAN (MongoDB, Express.js, Angular, Node.js) technology stack to create real-time chat applications, leveraging the power of Socket.IO for seamless communication.
- Developed a class-based SDK in TypeScript and Node.js, providing a high-level interface for WebSockets while incorporating authentication and authorization features.

Internship	Jan 2022 - June 2022
Softvan Pvt. Ltd.	<i>Ahmedabad, India</i>

- Configured the Spring Boot framework to implement the micro-service architecture, enabling the development of self-sustaining and modular software applications.
- Utilized Hibernate Framework and Singleton Design Pattern to facilitate Java Database Connectivity through Object-Relational Mapping and Session-Factory.
- Implemented the Spring Security framework to establish role-based access control, authentication, and authorization within applications.

PROJECTS

BidRideGo A unified platform where drivers bid on user-posted trips, giving both parties freedom from company standard prices. Developed in Java with Android Studios and Firebase real-time database. [\[apk\]](#).

CMS with E-commerce [Hosted on PythonAnywhere](#) and developed with Python Django and SQLite, this a Content Management System integrated with an e-commerce site. The same project with Spring-Boot and MySQL for the back-end can be found [\[Here\]](#).

Live Chat Application A real-time chat application using MEAN stack and web-socket programming. The application has the following features: chat history, active user status, last message preview, multi-media file types, and many more.

Employee Management System Built a portal for employees using Spring-Boot for developing a micro-service application, Spring-Security to provide role-based access control, and MySQL for DBMS.

Shrisaya Built a static website using Python-Django, SQLite, HTML5, CSS3, JavaScript, and python-anywhere hosting service to showcase computer maintenance services of a client.

Intelligent Blind Stick Created an intelligent white cane employing Arduino Uno, an Ultrasonic sensor and buzzers that effectively detected obstacles and alarmed the user with a progressive sound effect.