

Pushpinder Singh

Software Developer

pushpinder46@gmail.com

415-910-7266

[Linkedin](#)

[Github](#)

[Portfolio](#)

About Me

I am a dedicated professional with a unique blend of technical expertise and hands-on experience in both Diesel Tech and Software development. My interest in technology began when coming to the United States back in 09', I was fascinated by the first apple and android phones. It was amazing how much extra the phone can do by just accessing and modifying its root properties. Later my interest also peaked in Diesel engines, the same idea as before. I was fascinated by how much power can be added to semi-trucks by simple calibrations done to Electronic modules. I have always enjoyed researching and executing ways to enhance technology. The experience instilled in me a deep understanding of precision, problem-solving, and minimizing downtime-skills that seamlessly transitioned into my current passion for software development.

SKILLS

- React
- AWS S3
- Redux
- Express
- Node
- RESTful API
- Javascript
- Python
- SQL
- Sequelize
- PostgreSQL
- SQLAlchemy
- Flask
- HTML5
- CSS3

PROJECTS

MansionsBnB (Javascript, Express, Node, RESTful API, Sequelize, PostgreSQL, React, Redux, CSS3)

AirBnb Clone

- List your mansion for rental with images, description, price, name, and address.
- View all mansions available for rental & view all your listed mansions for rental.
- Leave a review for a mansion, view all reviews of a mansion, and can delete or edit your review.
- Edit your listing for your rental or delete it if you've changed your mind.

[Live Site](#) | [Github](#)

Q-Understack (Python, Flask, SQLAlchemy, PostgreSQL, RESTful API, Javascript, React, Redux, CSS3)

Stackoverflow Clone - Group Project

- Post any question you have regarding any issues with code or devices.
- Responses can range from pre-evolution to serious modern answers, embracing humor.
- Post answers or comments to questions or you can save them to follow along.
- View all your questions, saved questions, can delete or edit your questions, answers, and comments.

[Live Site](#) | [Github](#)

Rigbuild (Python, Flask, SQLAlchemy, PostgreSQL, RESTful API, Javascript, React, Redux, AWS S3, CSS3)

Amazon and PCPartPicker

- View all the products you need to build your Rig for your work, personal or gaming.
- Post your products that you do not need for sale with an image, price, and description of your product.
- Post a review for a product to share your experience. Edit or delete the review you posted.
- Add products to cart, view the products in your cart, can edit the quantity of product in cart or remove it from the cart.

[Live Site](#) | [Github](#)

EXPERIENCE

Interstate Truck Center, *Diesel Technician* - Stockton, CA

March 2023 - August 2023

- Diagnosed and repaired diesel engines, transmission systems, and other components of large commercial vehicles.
- Required extensive knowledge of diesel engine mechanics, diagnostic equipment and tools.
- Troubleshoot complex issues including mechanical, technical, or electrical.

T-Mobile, *Mobile Expert* - Richmond, CA

December 2019 - August 2020

- Assisted existing and potential consumers to provide them best deals whether it is a new device, billing & accounting.
- Troubleshooted devices to resolve issues which required extensive knowledge of earlier to latest technology.
- Assisted with manager duties such as inventory, advertisement, helping coworkers reach their commission goals.

EDUCATION

APP ACADEMY New York, NY

2023 - 2024

- Completed an intensive 1000+ hour software engineering bootcamp with a focus on full-stack development.
- Gained proficiency in technologies including JavaScript, Python, SQL, SQLAlchemy, PostgreSQL, Flask, AWS S3, HTML, CSS, React.js, Redux, Node.js, and Express.js.
- Developed multiple full-stack web applications, implementing features such as authentication, RESTful APIs, and responsive UI/UX.
- Collaborated with peers on group projects, practicing Agile methodologies and pair programming to deliver high-quality code.
- Emphasized test-driven development (TDD) and best practices to ensure code reliability and maintainability.

Universal Technical Institute Sacramento, CA & Phoenix, AZ

2021 - 2023

- Completed an intensive Associate of Occupational Studies Degree in Diesel and Industrial Technology, with a GPA of 3.95, demonstrating strong technical acumen and a commitment to excellence.
- Gained hands-on experience in diagnostics and testing, applying analytical skills to troubleshoot and optimize complex mechanical and electronic systems.
- Developed a deep understanding of electrical fundamentals and advanced electrical applications, building a solid foundation in system analysis and problem-solving techniques.
- Applied technical knowledge to perform detailed testing and adjustments on critical engine components, such as overhead, running clearances, and injector static injection timing, showcasing precision and attention to detail.
- Acquired expertise in Cummins Heavy Duty Engines and completed specialized training on various engine models and diagnostic tools, emphasizing a methodical approach to system maintenance and repair.