



<div> <div>Shivang Jhalani</div> <div> <div> Bangalore, India +91 9893171827 shivang2004jhalani@gmail.com https://shivangjhalani.com </div> </div> </div>			
Profiles	<div> <div>  shivangjhalani </div> <div>  shivang-jhalani </div> </div>		
Education	<div> <div> PES University Computer Science & Engineering GPA: 9.13 </div> <div> August 2023 - Present Bachelors of Technology </div> </div> <ul style="list-style-type: none"> CNR Scholar : 3 x recipient of CNR Scholarship Relevant Coursework : Data Structures & Algorithms, Microprocessors and Computer Architecture , Machine Learning, Operating Systems, Software Engineering 		
Experience	<div> <div> PESU I/O Subject Matter Expert in Linux System Administration https://pesu.io </div> <div> October 2024 - November 2024 PES University, Bangalore </div> </div> <ul style="list-style-type: none"> Delivered an offline course on Linux System Administration and declarative system organisation to 1st and 2nd year peers using Nix spanning 4 weeks Course Pitch : https://youtu.be/LGMb3LNRB2M Course Intro : https://youtu.be/StU7wexBugQ <div> <div> Freelance Web Developer </div> <div> October 2023 - Present </div> </div> <ul style="list-style-type: none"> Helped develop website for national level hackathon : Kodikon4 Helped develop website for annual fest : Aarmatrisha24 Developed website for game development club : Gcube 		
Projects	<div> <div> Computer from scratch Building a simple computer ground up from boolean logic </div> <div> March 2025 - Present </div> </div> <div> <div> V2V Communication Simulation Winning project at national level hackathon organised by BMSIT, CodeRed25 github </div> <div> January 2025 </div> </div> <ul style="list-style-type: none"> Built IoT network and implement V2V communication for road safety My role : Worked on digital simulation and sensor data collection of vehicles in multiple scenarios. Used real-time simulated data to create a user dashboard for the driver improving spacial awareness Demo Video: https://youtu.be/iNDNUqBqwZw <div> <div> NixOS Config Actively maintained NixOS declarative configuration files for my daily driver system github </div> <div> March 2023 - Present </div> </div> <ul style="list-style-type: none"> Fully modularized for ease of management Multi system configuration 		
Interests	Machine learning System Administration	Low level programming Cloud computing	Linux
Skills	<div> <div> Languages C, Python, JavaScript, Bash, Nix, Go </div> <div> Developer Tools Git, Vim, VSCode, Nix Shell, Docker </div> </div> <div> Technologies/Frameworks ReactJS, NodeJS, ExpressJS, TailwindCSS, Virtualization, Oracle Cloud, GCP, ML in numpy </div>		
Certifications	<div> <div> Supervised Machine Learning: Regression and Classification Deeplearning.ai certificate </div> <div> March 2025 </div> </div> <div> <div> Data Structures Cohort RBCCPS, IISC, Bangalore certificate </div> <div> July 2024 </div> </div>		