

<div>Shivang Jhalani</div> <div>@ shivang2004jhalani@gmail.com https://shivangjhalani.com github.com/shivangjhalani linkedin/shivang-jhalani</div>			
Education	<div>PES University</div> <div>Computer Science & Engineering</div> <div>GPA: 9.13</div> <div><ul style="list-style-type: none">CNR Scholar : 3 x recipient of CNR ScholarshipRelevant Coursework : Data Structures & Algorithms, Microprocessors and Computer Architecture , Machine Learning, Operating Systems, Software Engineering</div>		<div>August 2023 - Present</div> <div>Bachelors of Technology</div>
Experience	<div>PESU I/O</div> <div>Subject Matter Expert in Linux System Administration</div> <div>https://pesu.io</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 weeksCourse Pitch : https://youtu.be/LGMb3LNRB2MCourse Intro : https://youtu.be/StU7wexBugQ</div>		<div>October 2024 - November 2024</div> <div>PES University, Bangalore</div>
	<div>Freelance</div> <div>Web Developer</div> <div><ul style="list-style-type: none">Helped develop website for national level hackathon : Kodikon4Helped develop website for annual fest : Aarmatrisha24Developed website for game development club : Gcube</div>		<div>October 2023 - Present</div>
Projects	<div>Computer from scratch</div> <div>Building a simple computer ground up from boolean logic</div> <div>V2V Communication Simulation</div> <div>Winning project at national level hackathon organised by BMSIT, CodeRed25</div> <div>github</div> <div><ul style="list-style-type: none">Built IoT network and implement V2V communication for road safetyMy 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 awarenessDemo Video: https://youtu.be/iNDNUqBqwZw</div> <div>NixOS Config</div> <div>Actively maintained NixOS declarative configuration files for my daily driver system</div> <div>github</div> <div><ul style="list-style-type: none">Fully modularized for ease of managementMulti system configuration</div>		<div>March 2025 - Present</div> <div>January 2025</div> <div>March 2023 - Present</div>
Interests	<div>Machine learning</div> <div>System Administration</div>	<div>Low level programming</div> <div>Cloud computing</div>	<div>Linux</div>
Skills	<div>Languages</div> <div>C, Python, JavaScript, Bash, Nix, Go</div> <div>Technologies/Frameworks</div> <div>ReactJS, NodeJS, ExpressJS, TailwindCSS, Virtualization, Oracle Cloud, GCP, ML in numpy</div>		<div>Developer Tools</div> <div>Git, Vim, VSCode, Nix Shell, Docker</div>
Certifications	<div>Supervised Machine Learning: Regression and Classification</div> <div>Deeplearning.ai</div> <div>certificate</div> <div>Data Structures Cohort</div> <div>RBCCPS, IISC, Bangalore</div> <div>certificate</div>		<div>March 2025</div> <div>July 2024</div>