

Deepanshu Varun

+91-7834961234 varundeepanshucontact@gmail.com linkedin.com github.com/ShankyDV

Education

Delhi Technological University Graduated in July 2023
Bachelor of Technology in Electronics And Communication Engineering (GPA: 8.05 / 10) Delhi

Experience

PharmEasy, Software Developer in Test | Bengaluru, Karnataka May 2023 – Nov 2023

Managed Six months of hands-on software quality assurance experience at **PharmEasy** and **Thyrocare**, including designing and executing **100+** TestNG test cases for automation and manual testing.

- * Managed testing tools like Burp Suite and Jenkins for defect tracking, estimating **50** defects throughout.
- * Achieved a **20%** reduction in software defects through effective quality assurance practices.
- * Validated data from databases using **DML** and **DDL** statements.
- * Optimized reporting and collaboration by consistently documenting test results and procedures, resulting in a 30% increase in team productivity

SelectricGo EV solution Pvt. Ltd, Full Stack Web Developer | Saket, Delhi May 2022 – July 2022

Designed front-end web app feature and programmed components using **React**

- * Strengthened code quality by participating in over 20 code reviews, aiding in the detection of functional, **design flaws**
- * Led the implementation of agile methodologies, leveraging **Jira** and **Confluence**, to enhance team productivity by **15%** through iterative development cycles.

Projects

Crypto Tracker | *React.js, Material-UI, Chart.JS, CoinGecko API's, Figma* Jan 2023 - Mar 2023
Created an **interactive, animated** website for buyers and sellers that shows the current price of coins (**INR, USD**) .

- Recorded the past 1-year performance on the market using **React** and **Coin Gecko APIs**.
- Represented the trending coin at the top of the list and displayed the data on the chart using **Chart.js**.
- Increased user interaction by approximate **40-50%** through implementation of animations using **Material.UI**.

Microsoft Teams Clone | *ReactJs, ExpressJS, Firebase, webRTC, Socket.IO* Aug 2022 - Sept 2022
Implemented Microsoft Teams connecting multiple users using **peer-to-peer** connection with a latency of **sub 500ms**.

- Planned Firebase authentication, enabling seamless login using a Microsoft account, resulting in a **30%** operated user involvement.
- Revised CAP algorithm for consistency and availability, leading to a **25%** reduction in system downtime.

Travel Advisor | *React, Google-Map APIs, Figma, Firebase, Bootstrap, ExpressJS* Nov 2021 - Dec 2021
• Developed a Travel Companion website with Google Maps, TravelAdvisor APIs, increasing user participation by **50%**
• Featured data fetching based on **location** and **data filtering**.

Skills

Languages: C/C++ with STL, Python, Java, SQL, Javascript
Libraries: React.JS, Node.JS, Django, Ruby on Rails, Bootstrap, Linux, AWS, Express.js
Tools: Adobe XD, Figma, TestNG, IntelliJ, Git, Github, Burp Suite.
Coursework: Data Structures and Algorithms, Object Oriented programming, Database Management System, Operating System, API, Compiler, Agile Methodology

Achievements

- Improved analytical and brainstorming skills through exposure to more than **450** DSA tasks from Leetcode.
- Successfully tackled over **700** questions on different platforms such as Code Studio, HackerRank & GFG.
- Presented research on "Adaptive Biased Voltage Differencing Buffered Amplifier", 3rd IEEE Conference on Intelligent technologies. (LINK)
- Organized a health talk on Mental Health in DTU, in collaboration with Dr.Batra's