

Anuj Punjani

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EXPERIENCE

- Software Engineer – R&D, Tejas Networks, Bengaluru, India** **August 2023 – Present**
 - Developed 2 new BGP attributes from scratch, allowas-in and as-override (with VRF), for global and route-maps configuration in Tejas core operating system.
 - Engineered a static ARP deletion mechanism with VRF.
 - Fixed issues related to clock and timezone discrepancies, ensuring accurate timekeeping across systems.
 - Migrated 5+ CLI features, including BGP attributes and ACL configurations, to GUI, improving user interaction and operational efficiency.
 - Fixed critical key filter bugs in the GUI, ensuring accurate data retrieval.
 - Utilised C, C++, XML, JavaScript, TCPDUMP, and GDB for the development, debugging, and integration of features, maintaining high standards of code quality and performance.
- Software Engineer Intern – R&D, Tejas Networks, Bengaluru, India** **March 2023 – July 2023**
 - Developed and deployed a software solution enabling the transformation of a (24+2) port enterprise switch variant into a (16+2) port configuration.
 - Worked on software technologies like, C/C++, OOPs, CLI, Git, Linux, Vim, Threading, Networking.

SKILLS

- Languages & Frameworks** – C, C++, Java, JavaScript, Node.js, React.js, MySQL
- Libraries** – C++ STL, Java Collections
- Tools & Other Technologies** – Linux, Vim, Git, VS Code, Networking, Shell Scripting, Bash Scripting
- Skills** – Object Oriented Programming (OOPs), Data Structures, Algorithms

EDUCATION

Guru Gobind Singh Indraprastha University, New Delhi **2019 - 2023**
Bachelors of Technology
Information Technology - **9.1 CGPA**

PROJECTS

- My Own Programming Language (Fluent) | [Deployed](#) | [GitHub](#)**
 - Deployed a custom programming language, Fluent, utilising React.js for the web interface and Node.js for backend processing.
 - Implemented core compiler components including lexical analysis, parsing, and code generation in Node.js.
 - Core features include variable handling, list management, conditional statements, loops, and functions.
 - Integrated modern programming features like Arrow Functions, First-Class Functions, a Command-Line Interface (CLI) mode, and direct file execution.
- Automatic Role Playing Game (Hero vs Enemies) | [GitHub](#)**
 - Engineered an automated CLI-based RPG in C, leveraging advanced data structures (structs, linked lists, stacks) and generic pointers for data handling.
 - Implemented algorithmic randomness for effective gameplay, including random hit probabilities and reward generation, enhancing user engagement.
- Chrome Extension (Featured by Google) | [Deployed](#) | [GitHub](#)**
 - Designed a Todo Extension using JavaScript.
 - Minimal Todo-List has 215+ global users, with 5 star rating.

ACHIEVEMENTS

- LeetCode: 630+ Problems Solved** (250+ submissions in C++, 500+ submissions in Java) | [LeetCode](#)
- Smart India Hackathon 2022 (Grand Finalist):** Shortlisted among 20+ teams from all over India by proposing an idea on “AR app for monuments”.
- Open Source Contribution:** Contributed to **Responsive HTML email signature(s)** by adding a custom inline-image plugin. ([PR Link](#))
- Google Developer Student Clubs: Co-Lead** of the Design Team over 2 year tenure.