Anjan Nair

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 Mumbai, India

EDUCATION

Atharva College of Engineering — 2019 - 2023
Bachelor of Engineering - Electronics and Telecommunication — CGPA - 9.13

Khar Education Society — 2019
Higher Secondary Certificate - Science — 69.33%

Bombay Scottish School, Powai — 2017
Indian Certificate of Secondary Education — 89.33%

SKILLS SUMMARY

- **Languages**: Java, JavaScript, Python, Bash, Golang (Beginner)
- **Frameworks**: Selenium, TestNG, NodeJS - Electron, Express, React (Intermediate)
- **Tools**: Maven, Postman, Docker, GIT, MongoDB, AutoCAD Fusion360, Visual Studio Code, GitHub, Eclipse IDE
- **Platforms**: Linux, Windows, Arduino, Raspberry, Web, AWS, GCP, Heroku, Repl
- **Open-source**: Hacktoberfest 2020 and 2021, Git contributions to big projects such as VueTube, KeepMyPassword, etc
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking, Crowd Management

EXPERIENCE

QA/ SDET Engineer Intern — Remote
Nimbbl — *Jan 2023 - Present*

- **Software Testing and Quality Assurance**: Experience with **Manual** testing such as regression testing, smoke testing and end to end testing. Deployment on servers and configuration of QA servers. Experience in **Automation** testing tools like **Cypress** with **JavaScript**.
- **Development**: Building an automated script to capture relevant forex data from a PDF.
- **Test Management**: Familiarization with tools such as JIRA, GitLab, Jenkins etc.
- **API Testing**: Experienced using **Postman and Swagger** to test API and check responses generated by different HTTP methods.

Full Stack QA Trainee Engineer — Remote
Fynd — *Oct 2022 - Dec 2022*

- **Software Testing and Quality Assurance**: Experience with **Manual** testing such as regression testing and smoke testing. Worked on real-time assignments to document **test cases and scenarios**. Experience in **Automation** testing tools like **Selenium Web Driver** with **Java**.
- **Test Management**: Strong experience in **Software Development Life Cycle** (SDLC) and **Software Testing Life Cycle** (STLC). Familiarization with tools such as JIRA.
- **API Testing**: Experienced using **Postman** to test API and check responses generated by different HTTP methods.

Web Developer — Remote
TEDxACE — *Nov 2021 - Apr 2022*

- **Maintaining and Developing Code**: Worked on updating the content on the page, using the Cloudinary and Cloudfare CDN to improvise speed. Integrated a dynamic email collector on a static web page. Splitting big HTML files into chunks using vanilla JavaScript.

JavaScript Developer — Remote
CodeSpeedy — *June 2021 – July 2021*

- **Optimized Code Writing**: Implementation of all types of JavaScript code in the smallest possible way.
- **Search Engine Optimisation**: Ensure all published articles are within the criteria of 80% satisfaction to ensure better visibility to search engines.
- **Documentation**: After writing code and making it ready to publish, a well-documented article was to be prepared to ensure the code is explained to other developers.

PROJECTS

- **Resume Generator using Python's Tkinter**: This project utilizes Python's standard GUI library, **Tkinter**, to build a resume generator. Apart from generating a resume, this even has an **account system** through which users can save their details for later. All the saved data is encrypted in a cryptographic manner using **Fernet keys** which is a type of symmetric encryption.
  Tech: Python

- **De-centralized Music Streaming Platform**: Designed and developed a rudimentary peer-to-peer music system application with the help of Interplanetary File System (**IPFS**) for a hackathon, Codeshastra 8.0 organized by DJ Sanghvi College.
  Tech: ReactJs, IPFS & MongoDB

- **Automated Applications (Bots) for Discord**: This project involved building **open source bots** using **NodeJS** and utilizing the **Discord API** from the discord.js module. A personal bot along with a bot for the devRant community server on Discord was built by me. The bot can easily handle multiple requests due to the high number of parallel requests capability of Node. Along with building the bot, **hosting** and maintenance was also done by me on the **Heroku cloud platform**.
  Tech: NodeJs, Heroku, Memcache & MongoDB

HOBBY PROJECTS

- **Grafana Monitoring System**: A live **monitoring tool** using Grafana to keep tabs on **temperature, CPU usage, RAM** etc of my Raspberry Pi

- **Secure VPN + DNS Servers**: Setup a VPN using PiVPN to **access my local files remotely**. This was integrated with the PiHole local DNS system to set up a **network level DNS sinkhole**.

- **Setup Multiple Web Servers - Nginx**: Used **Nginx** as a **reverse proxy** to route my web-servers **hosted on my Raspberry Pi** to my live domain through the **CloudFlare** proxy DNS.

CERTIFICATIONS

- Technical Support Fundamentals - Google

- Full Stack Web Developer - Board Infinity

- Composite Training on Industrial Robots - Atharva College of Engineering

HONORS AND AWARDS

- Second Runner Up for Paper Presentation by IEEE (Topic - Blockchain-Based Payment System) - April 2022

EXPERIENCE

- **Events Team - National Social Scheme Atharva**: Conducted events that involved managing big teams and crowds. Participated in voluntary social work with various NGOs in Mumbai.