

Software Developer

An inquisitive mind with development experience looking for an opportunity to utilise and hone my quantitative and technical skills on real-world problems to provide meaningful insights. I enjoy working in a collaborative and open team culture, learning and sharing the wonders we create with tech.

SKILLS

- **Languages – Python, Golang, Django, JavaScript (NodeJS), HTML, CSS**
- **Tools and Tech – Docker, Rest API, Linux**, Distributed Systems, Virtualization, Automation, Selenium
- Version Control (Git and **GitHub**), **CI/CD – GitHub Actions**
- **Problem solving**, Data Structures and Algorithms
- CS concepts – Operating Systems, Networking
- Agile Development Model, Scrum, SDLC, Presentation skills, Troubleshooting and Debugging skills

PROFESSIONAL EXPERIENCE

- **Member of Technical Staff – Software Engineer – Nov 2021 – May 2022**

LambdaTest - Noida, U.P.

- Understood structure and working of backend infrastructure, added features in simulators using Golang.
- Took ownership of Android backend using Golang. Became SPOC for Android and achieved 95% stability.
- Created pipelines using GitHub Actions and yaml workflow for repositories for production deployments.
- Added new features to the product with both front-end (Angular JS) and back-end (Node JS).
- Contributed to team efforts around bug fixing and code maintenance/improvement.
- Took leadership in the deployment processes from development end with efficient and effective practises to save time and effort.

- **Software Development Engineer in Test – Jan 2021 – Oct 2021**

HackerEarth - Bangalore, Karnataka

- Took ownership of components, contributing to features end-to-end from design to deployment.
- Contributed to the deployment process on a weekly basis.
- Contributed to key automation initiatives with the team, automate using tools like Selenium, python.
- Built comprehensive test documents, reports around various features, document QA metrics.

- **Site Reliability Engineer Intern – Jan 2020 – July 2020**

Nutanix - Pune, Maharashtra

- Developed an internal tool – **Frontend Calendar Application**
 - HTML, CSS, JavaScript, Fullcalendar, Bootstrap
 - A calendar application to provide visual access to user's leaves (apply, view and modify), along with admin/super-admin modes to allow managers to manage leaves of employees.
- Built a customized Linux OS with various software libraries and with Ubuntu as the base system.
- Underwent training for Linux, storage, virtualization, networking, VMware and Nutanix Architecture.
- Worked on troubleshooting Linux, Networking, Virtualization on Nutanix and VMware platforms.
- During this time, I acquired the CCNA certification.

EDUCATION

- **Bachelor of Engineering in Computer Science and Engineering – 2016-2020**

- Chandigarh University, Mohali – **8.18/10** CGPA

- **Senior Secondary Education (Mathematics + Biology)**

- Army Public School, Allahabad (C.B.S.E.) (2016) – **92%**

PERSONAL PROJECTS

- **Chatter++ – 2020**
 - A chat app based in Python which allows users to chat and text each other over a shared network without the use of internet. It enables users to chat with logged in users using a simple interface.
- **YouTube Video Upload Selenium Automation – 2020**
 - The program lets you easily define Playlist and other values required for video upload in a json and run through all video drafts.
- **Discord and Reddit Bots – Python, Discord API, Reddit API etc. – 2020**
 - Discord bot can also play music throughout the server. Reddit bot auto replies based on the comments.

CERTIFICATIONS AND AFFILIATIONS

- [Django for Everybody Specialization](#) – Currently Working
- JPMorgan Chase & Co. Virtual Experience Program – Dec 2020
- [Google IT Automation with Python Specialization](#) – September 2020
- [AWS Fundamental course Udacity](#) – Aug 2020
- [Cisco Certified Network Associate \(CCNA\) \(Routing and Switching\)](#) – February 2020
- [HackerRank Problem Solving \(Intermediate\) Certification](#) – August 2020
- [Cryptography and Network Security](#) – NPTEL Elite Certificate – April 2019
- [Soft Computing](#) – NPTEL Elite Certificate – March 2019

ACHIEVEMENTS

- HackerEarth **SPOT Award** for singlehandedly supporting the releases of major features with on time delivery.
- **Hacktoberfest 2020, 2021**, contributing Open-Source.
- **6 Star Problem Solver** on HackerRank.
- **Gold Badge** for **Python** on Hackerrank.
- **Bronze Medal** in 'Global Assessment of Information Technology'.
- Achieved > **99 national percentile** in English, **Adv. Quant** and Computer Prog. (AMCAT).
- Discipline Captain in school addressing direct responsibilities with the principal and school administration.

EXTRA CURRICULAR ACTIVITIES AND INTERESTS

- Public Speaking
- Hackathons, Competitive programming
- Rubik's cubes
- Sports (both physical and e-gaming)
- Cooking and gardening