

Aditya Kumar

📞 90643 54247 ✉ adityakr082@gmail.com [in adityakr082](https://www.linkedin.com/in/adityakr082) [🌐 adityakumar.xyz](https://adityakumar.xyz) [🐙 akr2002](https://github.com/akr2002)

Career Objective

To seek and maintain full-time position that offers professional challenges utilizing interpersonal skills, excellent time management and problem-solving skills.

Education

Chandigarh University <i>Bachelor of Engineering in Computer Science and Engineering (CGPA: 7.94 / 10.00)</i>	Expected June 2024 Gharuan, Punjab
DAV Model School <i>Class 12 CBSE (78.67%)</i>	2020 Durgapur, West Bengal
DAV Model School <i>Class 10 CBSE (88%)</i>	2018 Durgapur, West Bengal

Experience

Arch Linux <i>Tester</i>	2024
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- Test and sign-off packages in testing repositories before they are released to core repository.

Projects

Code Server | *OpenRC, Bash*

Create remote development machines so a team can develop from anywhere

- Brought official support to aarch64 architecture, mainly on Android platform.
- Updated documentation to deploy on Android devices.
- Brought official support to OpenRC systems.

Personal Cloud using Raspberry Pi | *Bash, System Administration, Deployment*

Rasperry Pi facilities over the internet.

- Deployed a website.
- Hosted a file server over HTTP and SFTP.
- Provided SSH services.
- Provided git services.
- Hosted a chat server.

Pleroma | *Server Administration, Database Administration*

A federated social network over ActivityPub protocol.

- Deployed the software on a VPS.
- Administered social network.
- Collaborated with administrators on other servers to help create a safe space for everyone.
- Administered database to ensure optimal performance of the server and ensure a smooth experience for everyone.

Certifications

AWS Cloud Solutions Architect	<u>Credential ID T8CSES3U6LLE</u>
Linux and Private Cloud Administration on IBM Power Systems	<u>Credential ID L7MF8F7V59N6</u>

Technical Skills

Languages: C, C++, Bash, Java, Python, R, Rust, Nix

Technical Skills: Linux, Git, Nix, PostgreSQL, System Administration, Cloud Deployment, Docker

Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Cloud Computing