Aditya Kumar

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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	Expected June 2026
Master of Engineering in Artificial Intelligence	*Gharuan, Punjab*
Chandigarh University	2024
Bachelor of Engineering in Computer Science and Engineering (CGPA: 7.94 / 10.00)	*Gharuan, Punjab*

Experience

Arch Linux	2024
Tester	

- Test and sign-off packages in testing repositories before they are released to core repository.

Projects

Code Server | *OpenRC, Bash*

Create remote development solutions 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 service 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	Credential ID T8CSES3U6LLE
Linux and Private Cloud Administration on IBM Power Systems	Credential ID L7MF8F7V59N6

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