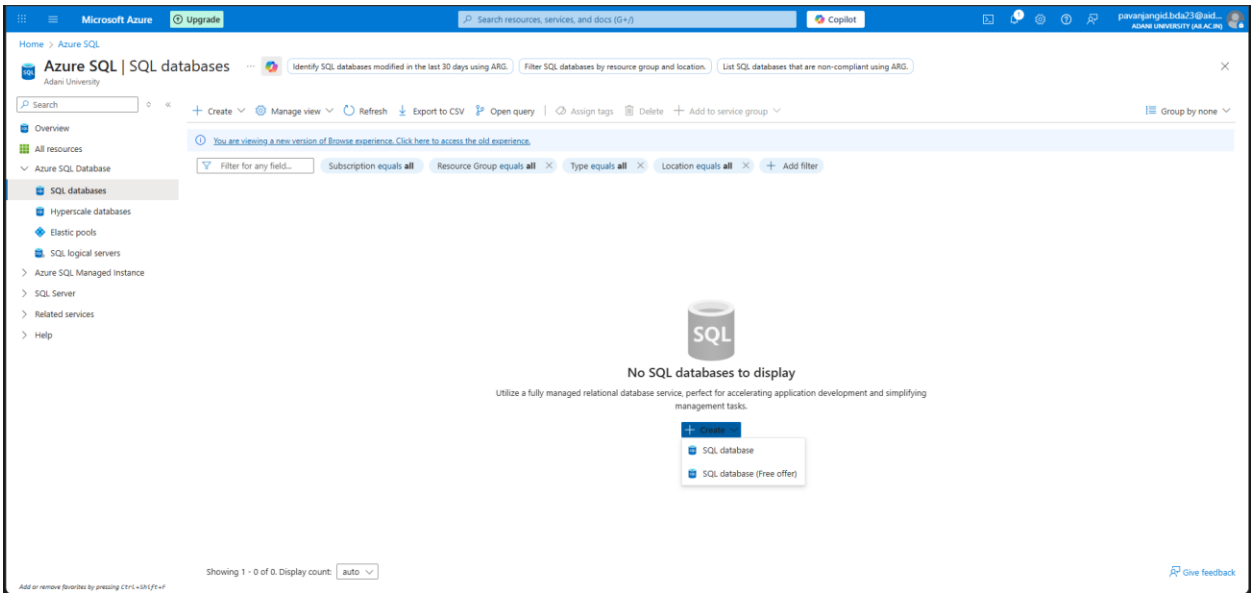
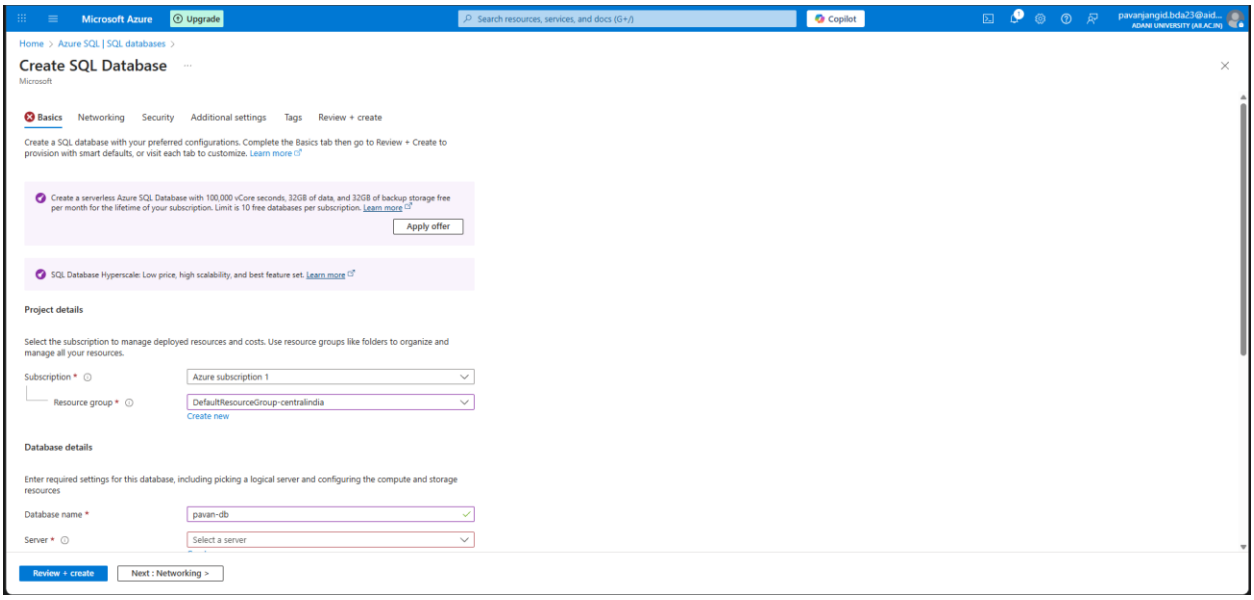
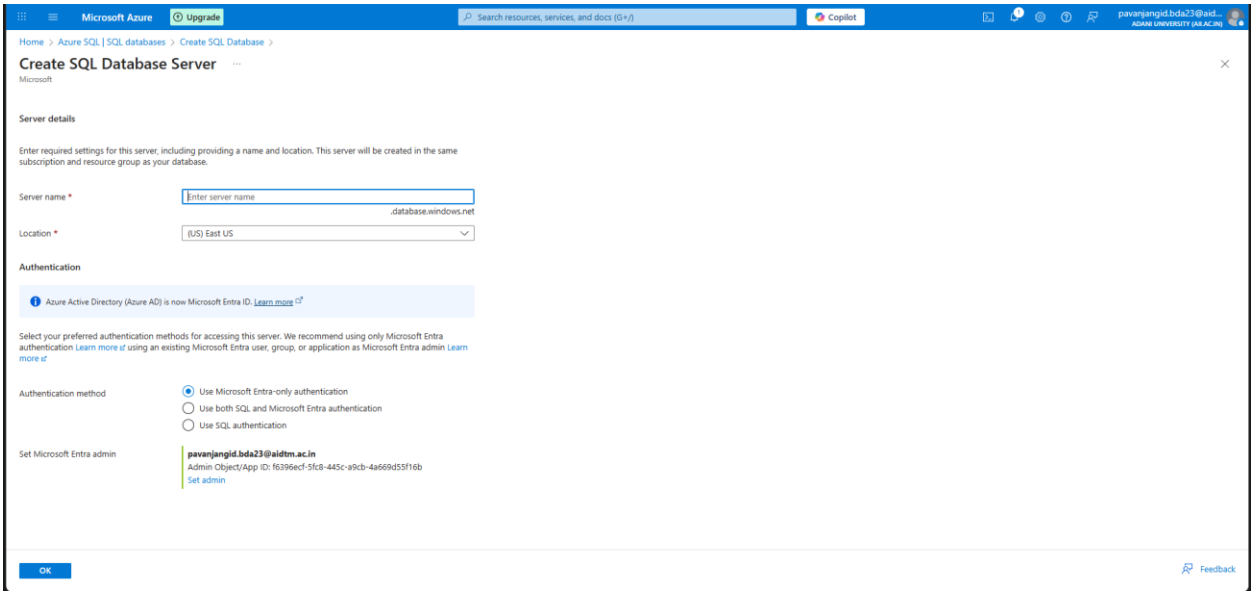
1. Go to SQL Database



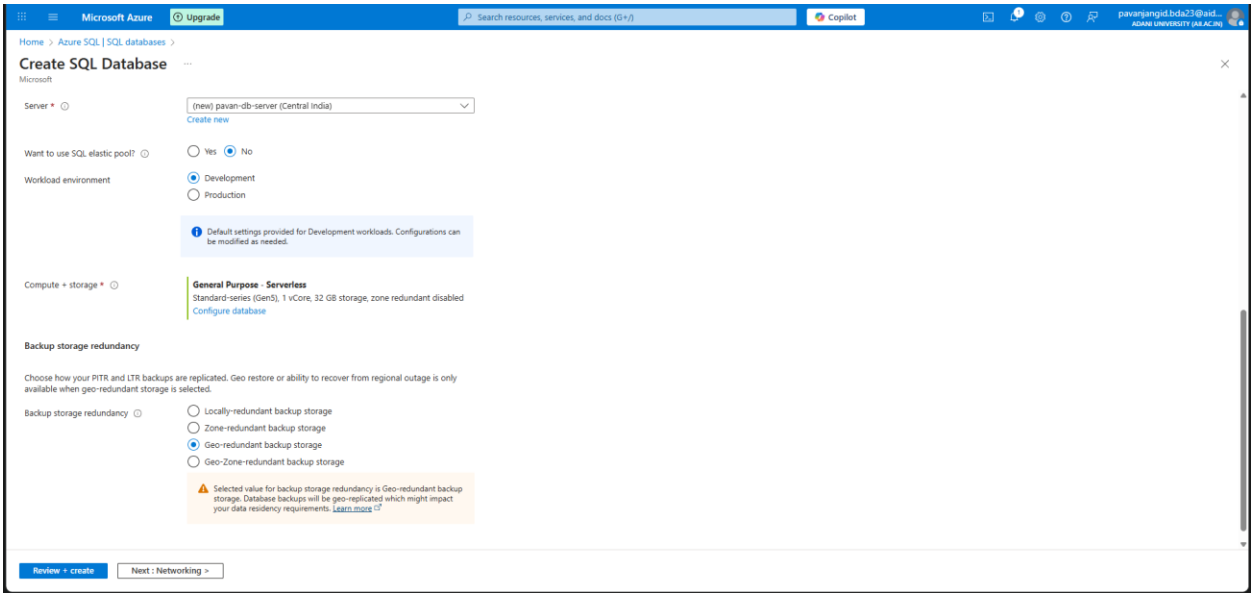
2. Create New Database



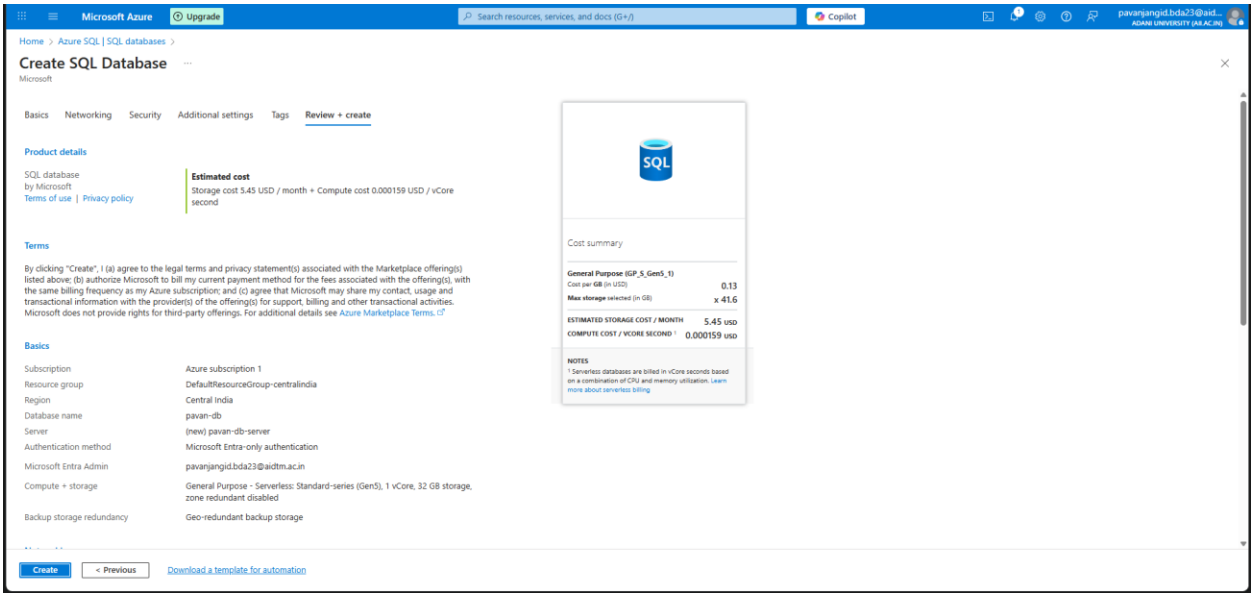
3. Create New Database Server



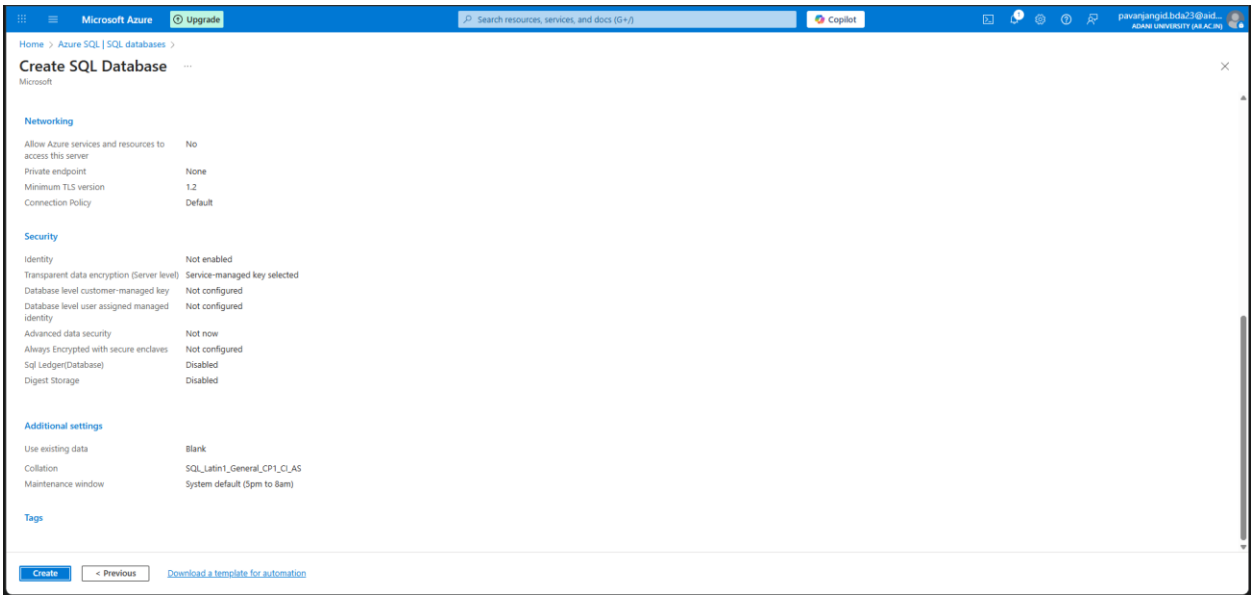
4. Fill remaining details in SQL Database



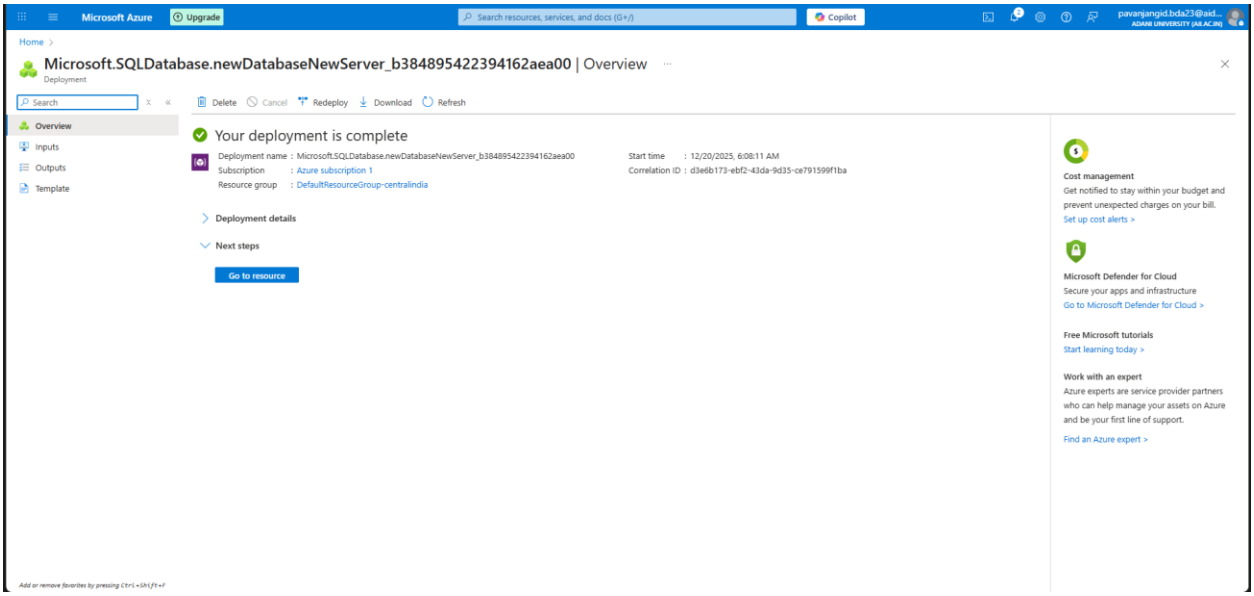
5. Review and Create



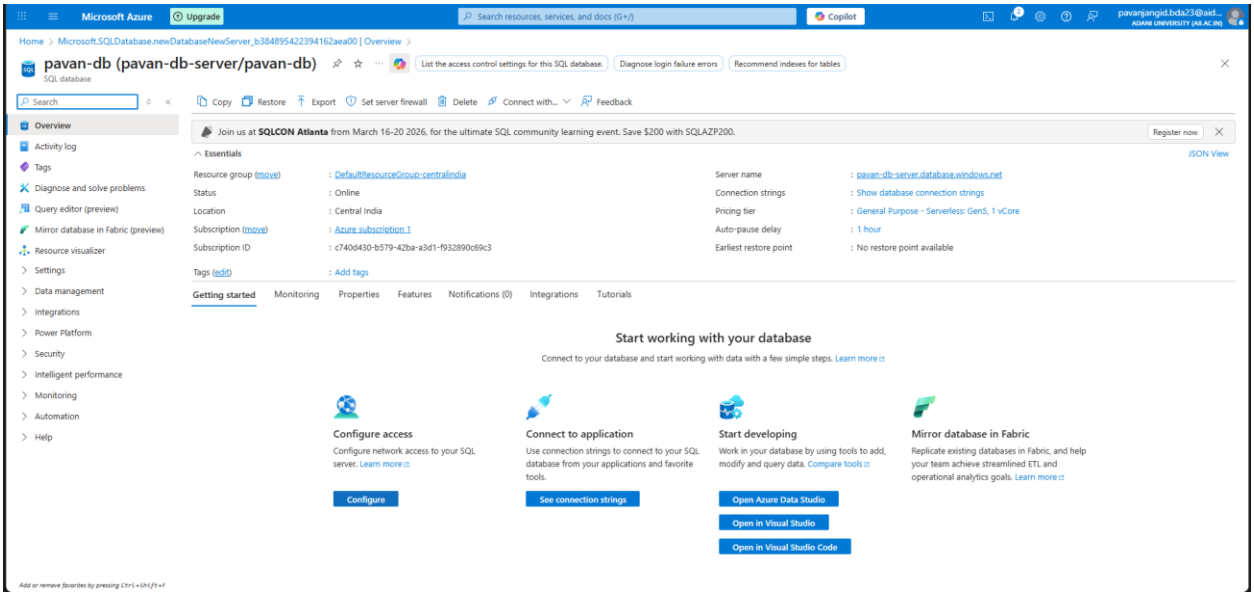
6. Review cont.. and click Create



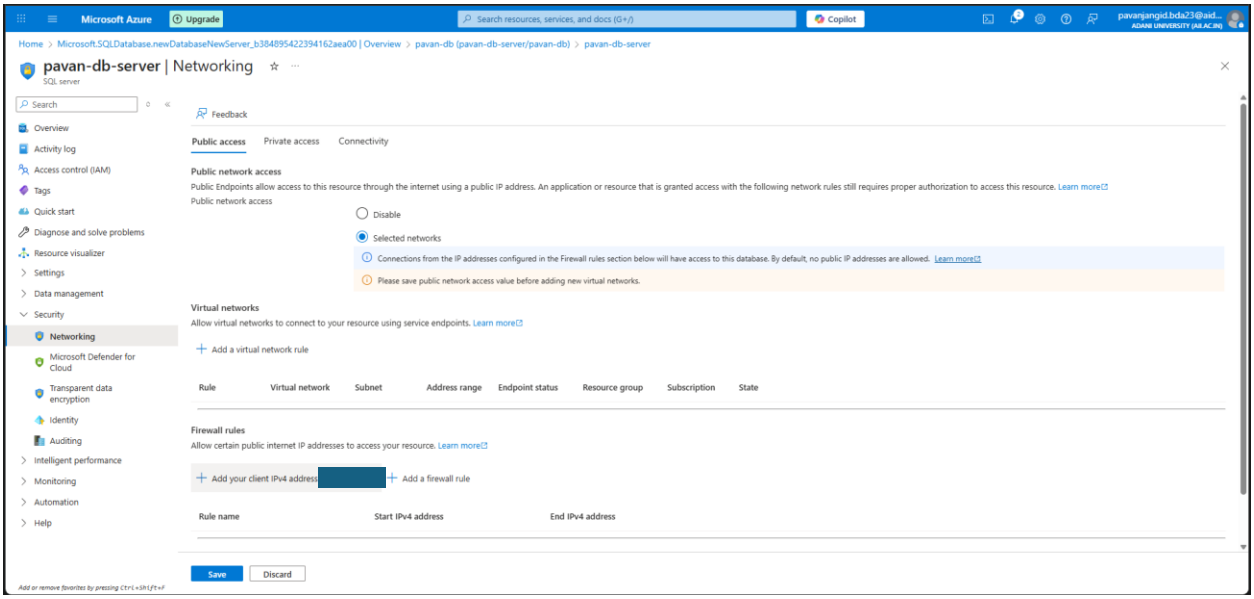
7. Deployment is completed



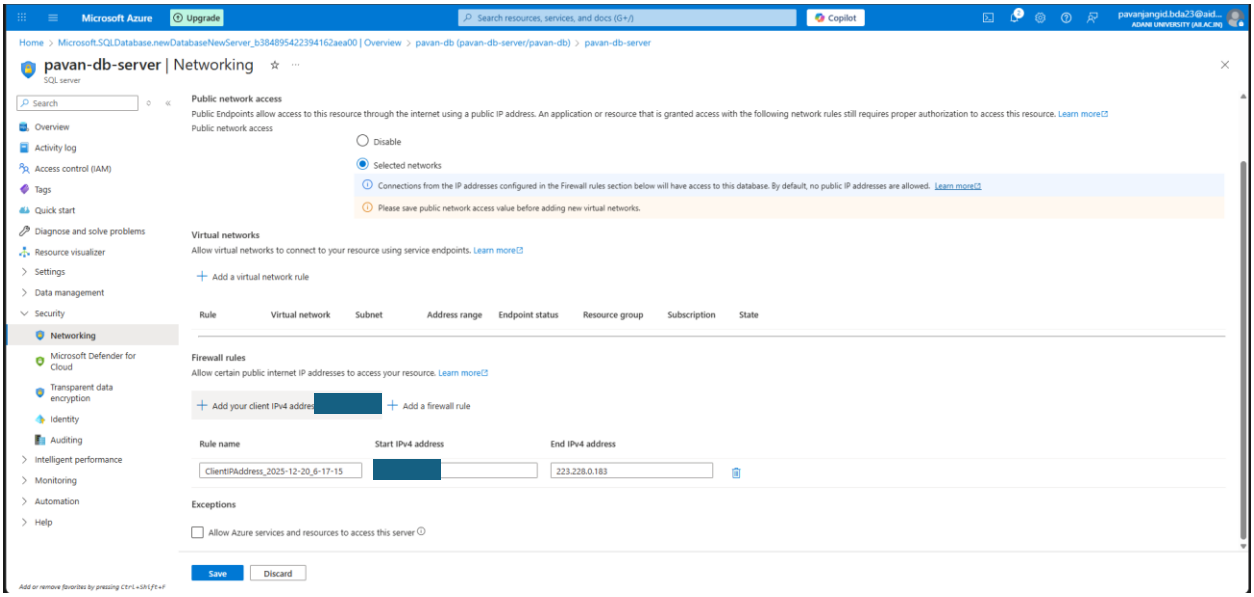
8. Click on Go to resources



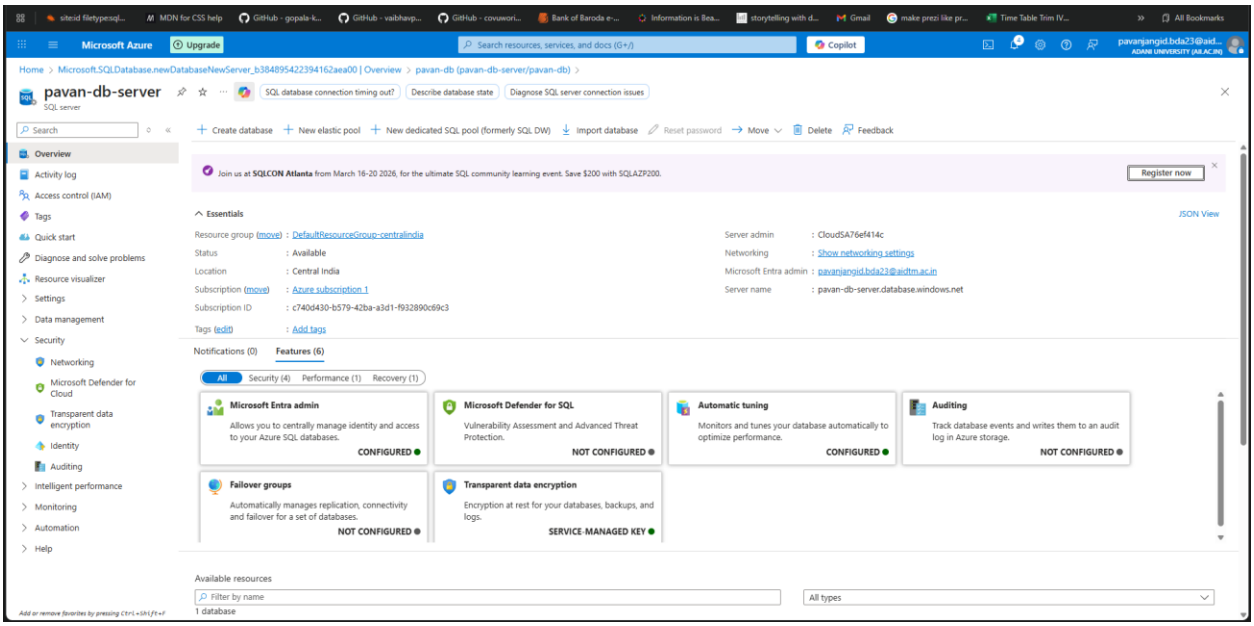
9. Click on configure access under getting started



10. Add / Click on Add your client IPv4 address



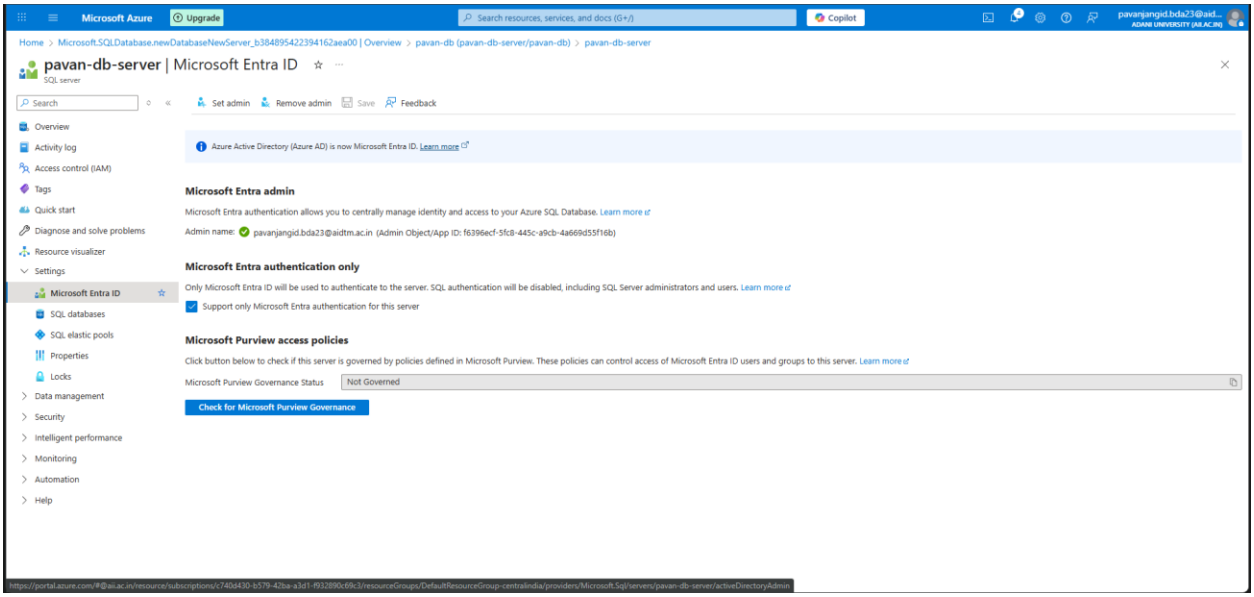
11. Head back to Overview



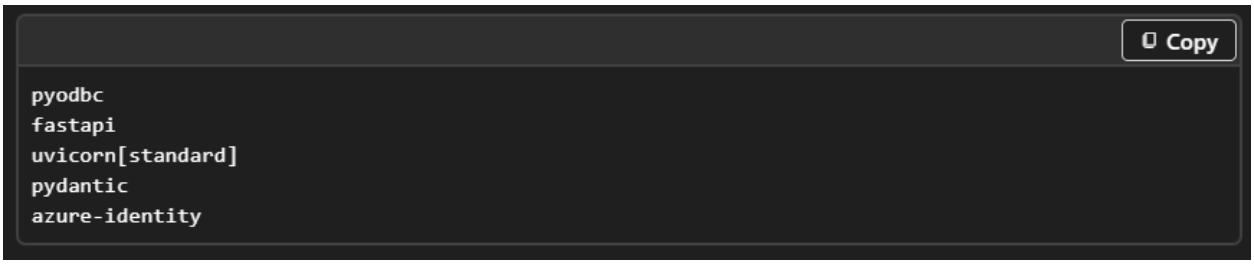
12. Copy required things like:

- Server: pavan-db-server.database.windows.net
- Database: pavan-db

13. Head over to Microsoft Entra ID under Settings



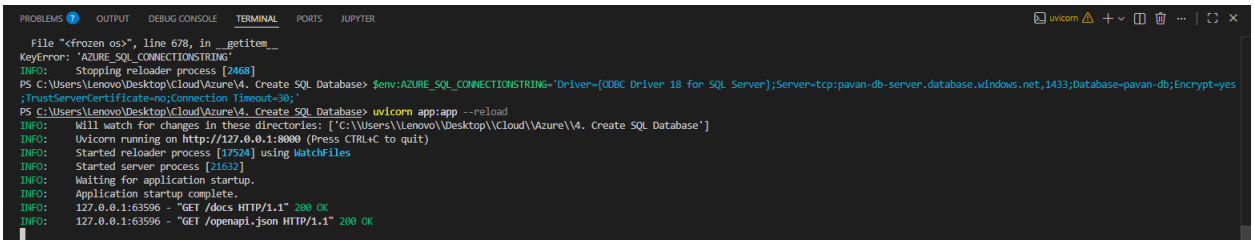
14. Now install following libraries in python



15. Use this below command to authenticate the user

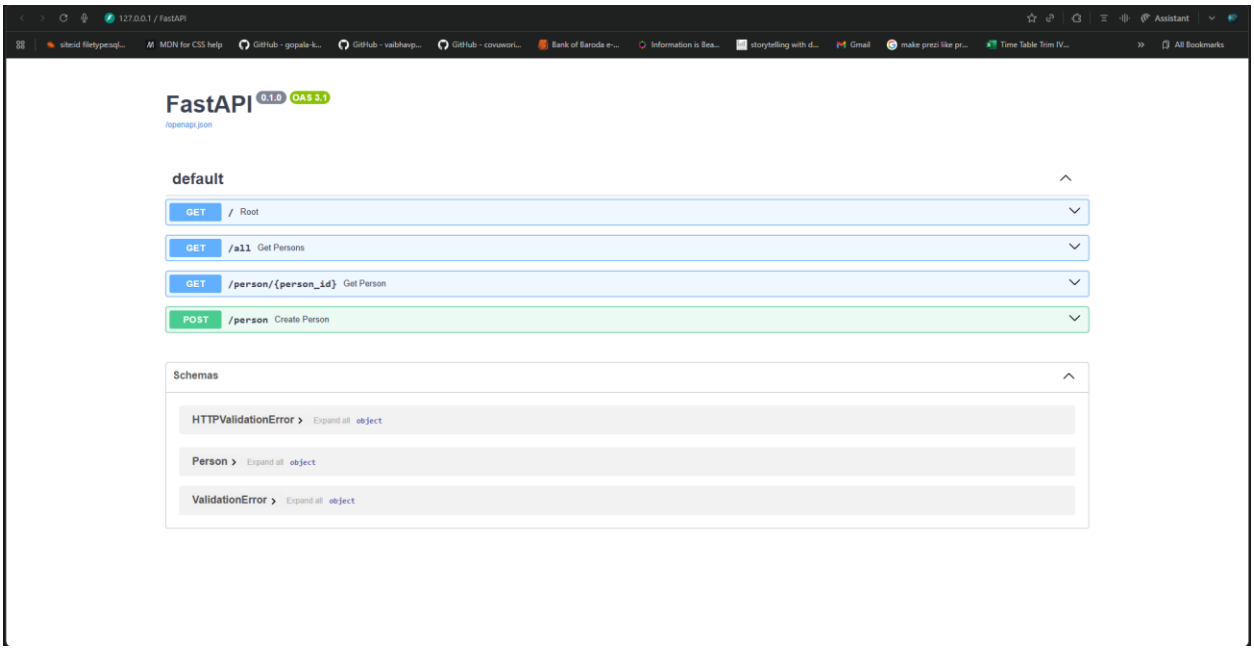
$env:AZURE_SQL_CONNECTIONSTRING='Driver={ODBC Driver 18 for SQL Server};Server=tcp:pavan-db-server.database.windows.net,1433;Database=pavan-db;Encrypt=yes;TrustServerCertificate=no;Connection Timeout=30;'

16. Use existing shell from vs code (Ctrl+ `) to run this command and set the environment variables

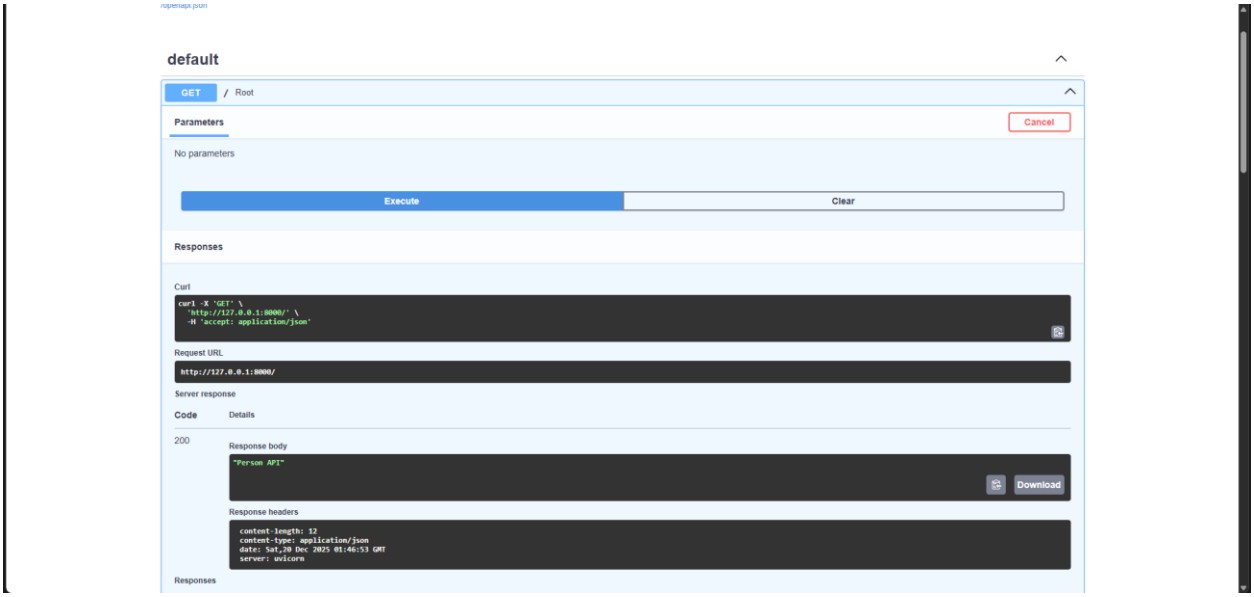


17. Use app.py in Repository: Load it using uvicorn app:app –reload

18. Head over to http://127.0.0.1:8000/docs



19. Before this step, make sure you have ODBC Driver installed. Now, Lets add table “Person” to database.



20. Now add a person in database