VIPIN SAIN

< SOFTWARE DEVELOPER/>

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📍 Jaipur, Rajasthan

I'm a versatile Backend Developer at Solvyfi Pvt. Ltd., specializing in FastAPI with Asynchronous Programming Support in Python. Proficient in designing and implementing backend systems, optimizing server performance, and leveraging AWS for scalability and security. Skilled in bug fixing, mentoring junior developers, and enthusiastic about emerging technologies. Eager for collaboration opportunities.

EDUCATION

Poornima University
B.Tech CS with specialization in **AI**
2019-2023

WORK EXPERIENCE

Solvyfi Pvt Ltd
Software Developer
Feb 2023 - Present

Solvyfi Pvt Ltd
Python Backend Developer Intern
May 2022 - Aug 2022

Genext World School
Technical Skills Trainer
Oct 2021 - Mar 2022

SKILLS

Programming Languages
- Python
- JavaScript {Beginner}
- C

Frameworks & Libraries
- FastAPI - A python Web Framework
- Pydantic - Data Validation
- Starllete - CORS, HTTP Exceptions
- Motor Asyncio
- Firebase-Admin Sdk

Version Control & Cloud
- GIT
- DNS Management
- AWS {EC2, ALB, S3}

LINKS

🔗 https://www.linkedin.com/in/vipin-sain-039538191

🔗 https://github.com/followvipin

PROJECTS

> Solvyfi-LiveQnA,ActivePolling <Available on Play Store>

- Developed the complete app backend system & APIs at Solvyfi using FastAPI.
- Successfully deployed application code and set up server configurations to serve the API for the app using AWS services, specifically utilizing an Application Load Balancer for optimal performance and scalability.
- Successfully configured an AWS S3 bucket to efficiently serve image data for seamless integration into the application infrastructure.
- Configured MongoDB Atlas for platform & user data bridges using Motor AsyncIO.
- Firebase Realtime Messaging for app push notifications for recommendations based on user activity and interests.
- Implemented Oauth2 based authorization for stateless APIs for secure request to the server for user data.
- WebSocket Messaging Broadcast for the group chat for app version 2.
- APIs for sending real-time data from Unity multiplayer game to store in database.
- Built Admin APIs for referral feature, data monitoring, app feedback and report a bug.
- API testing by using postman and FastAPI's default testing OpenAPI gateway swagger UI.

> Rent A Room <Under Development>

- UK & US based project.
- Developing the complete web app backend system & APIs using FastAPI.
- Oauth2 based authorization for APIs.
- Chat API for different personas.
- APIs for analytics.
- API testing by using postman and FastAPI's default testing OpenAPI gateway swagger UI.

> Solvyfi Essential Web Pages For Google play policies

- Developed Privacy Policy, Help Centre & About Page.
- Deployed the project code and setup configuration on AWS for serving web pages.
- Used core HTML CSS concepts.

> Solvyfi Dynamic Responsive website <Under Development>

- Session management
- User creation and deletion.
- User interest based feeds.
- Public feeds for guest user.
- Using Java script based concepts for dynamic page rendering.

ACHIEVEMENTS

- Scored 100/100 marks in Mathematics & Science in RBSE 10th Board
- Cracked Associate Software Developer profile of Vinove Software & Services via campus placement