Alapati Lakshmi Viswanath

Software Developer | 1+ YOE

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🪪 PROFILE

- Highly motivated Software Developer with 1+ year experience in designing, developing and maintaining applications. Proficient in Python, Databricks, Django framework, SQL/NoSQL databases. Successfully developed a real-time Android application prototype. Eager to contribute my skills to a fast-paced environment and build innovative software solutions.
- Passionate about **Full-stack Developer.** To evolve into a capable professional by being associated with a company that will challenge me to push my boundaries and allow me to use my education and skills in a way that is mutually beneficial for my employer and me to achieve sustainable growth in life.
- I've always thought that striking a balance between work and leisure hobbies boosts productivity and can encourage overall development.

🎓 EDUCATION

May 2019 – Apr 2023 Chennai, Tamil Nadu	**Vellore Institute of Technology,** *B. Tech in CSE-CPS (Cyber Physical System)* CGPA: 9.32
Apr 2017 – Mar 2018 Kannur, Kerala	**Kendriya Vidyalaya,** *12th standard/PCM* Percentage: 95.2 %
Apr 2016 – Mar 2017 Porbandar, Gujarat	**Kendriya Vidyalaya,** *10th standard/PCM* CGPA: 10

🧠 SKILLS

`Python` `Azure Databricks (Pyspark, Scala)` `DBMS (SQL SERVER, PostgreSQL, Oracle)`

`Power BI` `NO SQL (MongoDB)` `Git` `Django` `DSA` `Flask` `API Handling`

`Linux` `Web Technologies (HTML,CSS,JS)`

💼 PROFESSIONAL EXPERIENCE

Jul 2023 – present	**Software Development Engineer,** *Bajaj Finserv* - Developed multiple robust backend application of various live projects which leads to **optimised and efficiency increased by 30-50%**. - Resolved critical Production issues and ensured application stability. - Contributed to code reviews and Knowledge sharing within the teams. - Worked collaboratively with cross-functional teams to deliver projects on time. **Technologies: Databricks, SQL server, Oracle, ADF, Unit testing, RDP, PowerBI .**
Jan 2023 – Jun 2023	**Data Engineer Intern,** *Bajaj Finserv* - Development tasks on Backend and Data applications of internal Bajaj project Access360 backened, which **saved time by 30% for getting raised access.** - Learned and practiced on different technologies. - Worked in live projects with co-mates and colleagues. **Technologies: Pyspark, Databricks, SQL server, Unit testing, RDP.**

Jul 2022 – Dec 2022	**Back End Intern,** *CONVIN* ⬈
	• Developing and handling the Backend application of a Conversation Intelligence project.
	• Debugging of AI-based CRM handling software.
	• Wrote Test cases for the implemented apps.
	• Multiple conversation 3rd Party Intergration had implemented i.e. Exotel, Zoom, Outlook, etc which **allowed more business got onbarded.**
	Technologies: Django, Linux, AWS, REST APIs, Postgres SQL, Unit testing, SSH
May 2022 – Jul 2022	**Python Developer Intern,** *IndZone Tech Pvt. Ltd* ⬈
	• Developing a complete Multiple Multipurpose Full Stack applications like Vyaparzone, Fashion Sahara project **increased the sales of the web services by 20%.**
	• Hosted the UI on a live cpanel server.
	• Attaching various payment gateways i.e Cashfree, RazorPay.
	Technologies: Django, Jinja, HTML, CSS, Js, and SQL.

📁 PROJECTS

Monthly Dashboards, *PowerBI*
• Developers were able to **save valuable time by 25%** though **automating** the monthly PPT reports that had previously been created out manually.
• This also allowed us to create PPT as needed.
• Data was retrieved from various sources SQL Server, CosmosDB, PostgresSQL, MySQL.

DL Migration, *Databricks*
• Migration plays a important role for instant data availability with required variables.
• Developed optimized logical approach leading to a **30% reduction in response time**.

Access360, *SQL Server*
• One stop solution to get access for Database servers, Databricks workspace, inspite of an administration team.
• A implemented full automation in the backend application decreased the **latency in the access process by fifty percent**.

CDP Segementation, *Databricks*
• Developed a platform for easing the segmentation of the data for business purpose i.e. offer generation etc.
• Provided a robut UI to apply numerous filters, naming the segment, segment sorting, permission access.
• A single platform that different sectors may use to segregate data, **cutting down on time and other interventions.**

🏅 AWARDS

| Aug 2024 | **Developer of the Month,** *Bajaj Finance Ltd.* |
| Mar 2024 | **Tech Titan,** *Bajaj Finance Ltd.* |

📰 PUBLICATIONS

Dec 2023	**Nuclei Segmentation in Histopathology Images Using Structure-Preserving Color Normalization Based Ensemble Deep Learning Frameworks**
	Computers, Materials & Continua ⬈
May 2022	**Magnetic Adhesion in Wall Climbing Robots using variedElectromagnet Arrangements,** *Journal of Robotics and Control (JRC)* ⬈

🌐 LANGUAGES

| • English | • Hindi | • Telugu |

🎻 EXTRA CURRICULARS

| **Badminton** | **NCC (Army)** | **Travelling** | **Exploring** |