

Ayush Agrawal

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EXPERIENCE

- **Software Engineer III** J.P Morgan Services India Pvt. Ltd.
Backend Jun 2024 - Present
 - Collaborated with cross-functional teams to design and implement Python-based solutions on the Athena platform, supporting commodities trading operations and enhancing workflow efficiency.
- **Technology Analyst** Edgeverve Systems Limited (Infosys Limited)
Backend Feb 2023 - May 2024
 - Developed features and resolved critical bugs in Finacle Core Banking Solution using C/C++, Java, SQL, Unix, and Bash, contributing to improved system performance and reliability.
- **Product Engineer** Embibe (Reliance Jio)
Backend Jun 2020 - Oct 2022
 - Designed an interface platform in Python, Flask, Redis Queue, and MongoDB, delivering significant time savings for 100+ FTEs and developing 25+ utilities.
 - Designed and implemented real-time data pipelines using Kafka to seamlessly synchronize data between Content Creation and Content Serving platforms, ensuring low-latency and reliable data flow.
- **Virtual Labs** SERC, IIIT Hyderabad
Technical Program Engagement May 2019 - Jun 2019
 - Mentored and guided 30+ SRIP interns through successful project completion, fostering skill development and ensuring high-quality deliverables.

EDUCATION

- **IIIT Hyderabad** Hyderabad, India
B.Tech (Honors) in Computer Science & Engineering ; CGPA: 7.12/10.0 Aug 2016 - Jul 2020

PROJECTS

- **Mini SQL Engine:** Designed and implemented a mini SQL engine for parsing and executing SQL queries.
- **Linux Shell:** Created a C-coded shell with redirection, piping, and signal handling features.
- **Proxy Server:** Constructed an HTTP/HTTPS proxy server with cache storage using socket programming.

TECHNICAL SKILLS

- **Programming & Tools:** C/C++, Python, SQL, NoSQL, HTML, CSS
- **Platforms:** Linux, Mac, Windows

ACHIEVEMENTS

- **JEE Advanced 2016:** All India Rank 5199
- **JEE Main 2016:** All India Percentile Score: 99.91

CERTIFICATIONS

- AWS Certified Cloud Practitioner - Credly