PRAJJWAL TAWRI

Software Engineer

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EXPERIENCE

Software Engineer 1
Deloitte Consulting

📅 June 2022 – Present   📍 Pune, India

- Developed core infrastructure for a versatile microservice accommodating multiple projects.
- Updated microservice codebase to support multiple tenants, notably integrating Croma.
- Developed APIs and Crons for facilitating seamless data migration and cache reconciliation during architectural transitions.
- Boosted API responsiveness by integrating middleware layers and in-memory caching, optimizing MySQL queries.
- Built and deployed microservices to AWS using EC2/ECS and ECR, stored backups and static assets in S3, and implemented monitoring/alerts with CloudWatch, improved deployment reliability.

Software Engineer - Intern
Deloitte Consulting

📅 Jan 2022 – June 2022   📍 Bangalore, India

- Created a utility dashboard using Django, Ajax, HTML, and CSS for user and internal team access.
- Integrated JIRA with the reporting engine for automatic logging of failure bugs.
- Designed a CSV-based dashboard with interactive charts for comprehensive data analysis.

ACHIEVEMENTS

- 3 Spot Award in 2022-2023 - Deloitte Consulting.
- Hult Regionals: Secured runner up position in HULT regionals - 2020.
- Solved Over **100+** on Leetcode, Gfg, CodeChef

TECHNICAL SKILLS

- **Programming Languages**
  - Python,Golang, Javascript, C++, C
  - HTML, CSS, SQL.

- **Frameworks, Libraries & Tools**
  - Django, Rest APIs, Gin-Gonic, Microservices
  - Kubernetes ,Docker, Kafka ,Git, RabbitMQ, AWS

EDUCATION

B.Tech(CSE) – 8.2 CGPA
International Institute of Information Technology (IIIT-NR)

📅 2018 – 2022   📍 Naya Raipur

Projects

Secure Connect
Golang | Microservices | Gin-Gonic | gRPC

- Successfully enhanced the security of the web application by implementing SAML-based SSO, reducing the risk of unauthorized access.
- Improved user experience and engagement through real-time features enabled by WebSocket technology.
- Ensured scalability and maintainability of the application by following best practices in Django development and leveraging Django Channels for WebSocket management.

Container Stacking
Golang | Microservices | Kafka | gRPC

- Designed and modified database schemas across multiple tables to support new features seamlessly.
- Led the development of the acknowledgment module for stacking post-recommendation.
- Collaborated with multiple microservices to ensure smooth integration and interoperability.

Multi SKU Stacking
Golang | Kafka | SQL

- Led complex epics, notably spearheading the recommendation engine module for SKU bins.
- Acted as the primary developer for the planogram microservice.
- Managed intricate tasks such as message production/consumption in Kafka and cache management.