



Waqas Ahmed

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WORK EXPERIENCE

Application programmer

Optimum Grading [02/02/2022 – Current]

City: Illinois | Country: United States | Website: <https://www.optimumgrading.com/> | Name of unit or department: Development Team

Link: <https://www.optimumgrading.com/#main-gallery-4>

1. Team Collaboration and Feature Prioritization:

- **Collaborative Agile Approach:** Actively participated in an agile team environment with 6 members, contributing to discussions and decision-making processes.
- **Prioritization and Scoping:** Worked closely with team members to prioritize feature requests based on customer impact and business value. This ensured that the most critical features were addressed first, maximizing customer satisfaction.
- **Customer Value Focus:** Maintained a focus on maximizing customer value and satisfaction by ensuring that features with the highest impact were delivered in a timely manner.

2. Test Coverage and Customer Satisfaction:

- **Establishment of Test Coverage:** Led efforts to establish comprehensive test coverage for all new features, encompassing unit tests, integration tests, and end-to-end tests.
- **Reduction in Customer Complaints:** Through meticulous testing, achieved a significant 23% reduction in customer complaints by identifying and resolving issues before they reached end-users.
- **High-Quality Software Delivery:** Ensured the delivery of high-quality, bug-free software by implementing rigorous testing practices throughout the development process.

3. Data Acquisition and Pipeline Management:

- **Data Acquisition from Diverse Sources:** Managed the acquisition and ingestion of data from various sources such as Qwickut and Infinite Athlete.
- **Robust Data Pipeline Creation:** Built and maintained robust data pipelines to facilitate seamless integration and analysis of data, enabling better decision-making within the organization.
- **Enhanced Decision-Making Capabilities:** By ensuring smooth data flow and integration, contributed to enhancing the organization's ability to derive insights and make informed decisions based on data.

4. Customized Reporting Engine Development:

- **Utilization of Python Libraries:** Leveraged advanced features of Python libraries like Pandas and Numpy to develop a highly customizable reporting engine.

- **Empowerment of Users:** Enabled users to generate tailored reports according to their specific requirements, empowering them with actionable insights and facilitating better decision-making processes.
- **Enhanced Data-Driven Insights:** By providing users with flexible reporting capabilities, contributed to enhancing data-driven insights and decision-making across the organization.

5. **Communication and Problem Resolution:**

- **Proactive Communication:** Maintained open and proactive communication channels with team members and project managers.
- **Swift Bug Resolution:** Conducted frequent follow-ups and collaborated closely with teams to ensure swift resolution of bugs and optimization of application performance.
- **Focus on Continuous Improvement:** Fostered a collaborative environment focused on continuous improvement and client satisfaction through proactive problem-solving and communication.

Product : [Optimum Grading](#)

Application developer

Multi-Connect Horizon [02/03/2021 – 04/04/2022]

City: HongKong | Country: China | Website: <https://www.multiconnect.com.hk/> | Name of unit or department: Development Team

1. **RESTful API Development:**

- Develop RESTful APIs based on client requirements.
- Ensure APIs are scalable, efficient, and adhere to industry standards.
- Handle authentication, authorization, and data validation within APIs.

2. **Data Pipeline Creation:**

- Design and implement a data pipeline for continuous data ingestion.
- Integrate with RapidAPI, Octorate, and ServiceTitan to receive data every minute.
- Implement error handling and data validation to maintain data integrity.

3. **Git Repos Management:**

- Manage Git repositories for version control of backend code.
- Collaborate with team members using branching strategies and pull requests.
- Ensure code reviews and adhere to best practices for code organization and documentation.

4. **Background Jobs with Celery:**

- Utilize Celery for asynchronous task execution and background job management.
- Implement scheduled tasks for data processing, cleanup, and maintenance.
- Monitor task queues and optimize performance as needed.

5. **Deployment on Azure and EC2:**

- Deploy backend code to Azure and EC2 environments.
- Configure infrastructure as code using tools like Terraform or CloudFormation.
- Implement CI/CD pipelines for automated builds, tests, and deployments.
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Projects :

1. [Unithrive](#)
2. [BRAINYRMS](#)
3. [SMS Tool](#)
4. [Dogwood](#)

EDUCATION AND TRAINING

BS Computer Science

University of Engineering and Technology Khuzdar [02/02/2017 – 02/02/2021]

City: Khuzdar | Country: Pakistan | Website: <https://www.buetk.edu.pk/>

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING B2 **READING** B1 **WRITING** B1

SPOKEN PRODUCTION B1

SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Python / Django / OOP / Postgres / GitHub / Javascript / Azure Web Apps / AWS EC2 / Docker / GCP / BigQuery