

MD ASHIQUL ISLAM

SENIOR SOFTWARE ENGINEER

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SUMMARY

Software engineer with over 6 years of experience in Python and agile development, designing robust and scalable software solutions. Possesses outstanding problem-solving and communication skills, coupled with a keen enthusiasm for learning and implementing new technologies. Proven team player, demonstrating strong leadership skills and adept at mentoring development teams.

SKILLS

Programming Languages: Python, JavaScript, SQL, HTML5, CSS

Frameworks and Libraries: Django, Django REST Framework, Flask, React.js, Pandas, NumPy, Scikit-learn

Databases: PostgreSQL, MySQL, MongoDB

Tools: Git, GitHub Actions, Docker, AWS, Jenkins, Stripe, Tableau

Project Management: Jira, Notion, Slack, Google Meet, Zoom, Microsoft Teams

Methodologies: Scrum, Agile, SOLID Principles, Design Patterns

Soft Skills: Problem-solving, Leadership, Communication, Attention to Detail, Organized, Agility, Time Management

PROFESSIONAL EXPERIENCE

Software Developer

September 2023 - Present

Proxify AB

- Collaborate with project managers and product owners to analyze client requirements for software solutions.
- Integrating AWS services such as IoT, Lambda, API Gateway, S3 to implement serverless architecture for applications.
- Research on payment services such as Venmo and PayPal to integrate with existing codebase.
- Monitor and analyze sensors data through dashboard to discover trends and measure correctness of data.

Software Development Lead

May 2023 - July 2023

Enosis Solutions

- Led a team of 7 resources at a time, following agile methodologies and assessed their performance through code reviews.
- Researched new ideas to improve project quality, resulting in a 60% reduction in development time.
- Analyzed user requirements and created clear technical specifications to provide goals for the team.
- Constructed queries using SQL for data analysis and extract meaningful insights from complex datasets.
- Used Pandas, NumPy, Scikit-learn and transformer models to uncover novel trends from customer data.

Senior Software Engineer

August 2021 - April 2023

Alice Labs Pte Ltd.

- Designed and developed server-side features for multiple robust and scalable web applications using Python, Django, and PostgreSQL that handled 100,000 concurrent users with minimal downtime.
- Optimized database queries to improve application performance by reducing latency and increasing throughput by 70%.
- Integrated multiple third-party and e-commerce APIs such as WooCommerce, Shopify to improve queries for unlimited product categories.
- Led the development of a billing system resulting in a 60% increase in sales for the next quarter.
- Provided reports using data visualization tools such as Tableau to help stakeholders make informed decisions.
- Implemented and executed unit tests and API tests, reducing the number of production issues by around 20% each sprint.

Software Engineer**August 2019 - July 2021****Field Information Solutions Ltd.**

- Designed and implemented a software-as-a-service platform for more than 500,000 users.
- Created REST APIs and CRUD operations for them with unit tests which helped reduce the number of errors.
- Monitored, tested, and modified existing computer programs to fix existing bugs.
- Developed asynchronous and scheduled tasks using celery to improve application performance by 20% quarterly.

Software Engineer**January 2018 - July 2019****Misfit Technologies Limited**

- Wrote server-side codes and engineered RESTful APIs of multiple applications using Python and Django.
- Refactored and documented the existing codebase for improved readability and maintainability.
- Resolved bugs reported by the testing team which doubled customer satisfaction.
- Researched and integrated Facebook, WhatsApp, and Viber messenger APIs to build automated chatbots that resolved customer inquiries by 50%.

EDUCATION

- Master of Science in Computer Science and Engineering, September 2021
United International University, Dhaka, Bangladesh
- Bachelor of Science in Computer Science and Engineering, February 2017
Bangladesh University of Engineering and Technology, Dhaka, Bangladesh

CERTIFICATIONS

- AWS Fundamentals: Going Cloud-Native, July 2020
<https://coursera.org/verify/7MF3FNME56P2>
- Programming Foundations: Fundamentals, November 2023
<https://www.linkedin.com/learning/certificates/d89fe77ac81b937c686b17d1848c5bc8eba852c42e7393f27f425e9be29a24fa>

REFERENCES

Available upon request