





# SHIVAM MOTANI

Software Developer, Bangalore, KA, India

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Software Developer with over 4 years of experience focused on building scalable and high-performance applications. A strong foundation in software development, combined with a genuine passion for tackling complex challenges, drives my approach to creating impactful solutions. This dedication has allowed me to enhance user experience and achieve tangible business growth through effective problem-solving skills and a commitment to developing robust products.

## Skills Summary

**Technical Skills :** Game Development, Back-end, Full/MERN Stack, ReactJS, NodeJS, SpringBoot, Django, Express.js, RESTful APIs  
**Programming :** C#, C/C++, Python, Java, JavaScript (ES5/ES6), HTML5, CSS3  
**Game Engine :** Unity  
**Databases :** PostgreSQL, SQL-Server, MySQL, MongoDB, Snowflake, Hadoop  
**Cloud Platforms :** Azure, AWS  
**Secondary :** Agile, Scrum, Data Analytics, CI/CD, Git  
**Certifications :** Azure Fundamentals AZ-900, Azure AI Fundamentals AI-900, Azure Data Fundamentals DP-900

## Experience

Makkajai Edu Tech Pvt. Ltd.

October 2023 – Present

*SDE-1*

*Remote*

- **Developed** a **REST API-powered microservice** for Account Management, enabling seamless cross-platform data synchronization and ensuring uninterrupted game progress, subscription tracking, and enhanced engagement.
- Developed **iOS widgets** in SwiftUI to track and notify users of their streaks, ensuring consistent engagement and motivation.
- **Optimized** the application, resulting in a **20%** reduction in app size, a **30%** decrease in app launch time, and an increase in frame rates (FPS) by optimizing resource consumption, enhancing overall performance and user experience.
- **Migrated** and integrated **3 legacy games** from **Cocos-2dx** to **Unity** within the primary app, enhancing user experience and contributing to a **30%** improvement in D1 retention.
- **Led the development** and integration of **2 new games**, expanding content offerings, which contributed to a **15% increase in overall user retention**.
- Executed **AWS RDS** major version upgrades with **minimal downtime**, ensuring seamless service continuity and operational efficiency.

Deloitte Consulting India Private Limited

March 2021 – September 2023

*Business Technical Analyst*

*Bangalore, Karnataka*

- Spearheaded an initiative to **streamline the data modification** process by developing a Python utility, ensuring data integrity and accuracy by replacing manual Excel-based procedures, resulting in an approximate 70% increase in efficiency.
- Engaged with a skilled team of 4 to implement a Python tool, to **automate mapping validation and data profiling**. This drastically reduced processing time by **~ 95%**, transitioning from a **4-hour** manual process to a swift 10-minute operation.
- Collaborated with a diverse team of professionals to analyze and map attributes representing approximately **\$60 billion in revenue**. This endeavor facilitated REG and PFT Tableau reporting by integrating data from various banking products.
- Delivered over **400+** attributes to OFSAA through rigorous data validation and testing, utilizing over **1,000 SQL scripts**, facilitating a seamless transition from the SIT/UAT stage to successful production deployment.
- Completed 12-month probation by demonstrating exceptional impact and accountability for approximately **\$30 billion of the client portfolio**, through precise mapping and reconciliation of revenue attributes."

Apprify Labs

June 2019 – July 2019

*Web Development Intern*

*Bangalore, Karnataka*

- Engineered and coded a website to assist **1000+ users** in locating and reserving parking spaces within bustling metro cities.
- Built a user-friendly front-end solution using Bootstrap, HTML, and CSS to decrease page load time by 20%.

## Education

Arya Institute of Engineering Technology and Management

Aug 2016 – Aug 2020

*Bachelor of Technology in Computer Science & Engineering*

*Jaipur, Rajasthan*

## Accomplishment

- Won 2 Applause Awards in Deloitte.
- Won the Infosys-TEDx Contest organized in 2017.
- Completed workshop in Astrobiology conducted by IARC.
- Competed in Au Bank Jaipur Marathon in 2018.